

PANDU PATAGARLA
**Senior .NET Full-Stack Developer/ Azure/
Angular/ReactJS**

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Summary

- **Over 25 years** of IT experience in analysis, design, development, and deployment of various **web and Windows** applications using **Microsoft .Net, Azure, and JavaScript** technologies.
- Experience with **Software Development Life Cycle (SDLC)** in performing requirements analysis of business processes, creating use cases, analysing, and designing object-oriented applications.
- Involved in Detailed Work Estimation, Planning, Design, Development, Code Review, and testing in Client Server projects and Web development projects.
- Expert in designing, developing, and deploying **Web Applications**.
- Has excellent communication skills and is willing to learn and work in new environments.
- Experience with **Agile Development practices (Scrum) (Jira), and Azure DevOps Boards**.
- Excellent leadership qualities and experience in **Project Management**; successfully managed development teams and delivered it on time.
- Dedicated, self-motivated achiever committed to success and adept at handling multiple high-pressure tasks.
- Extensively worked on **staging and production** servers.
- Extensively worked on various IDEs which includes **VS Code, Visual Studio, PyCharm, IntelliJ, MS Visual InterDev, and Visual Basic IDE**.
- Possesses excellent skills in **Azure, C#, .Net Core, .Net, ASP.Net, Python, SQL Server, Oracle, ReactJS, Angular, AngularJS, Node, Databricks, TypeScript, JQuery, JavaScript, Ajax, HTML, and Visual Basic**.
- Experience in **Docker, Azure (CI/CD, VMs, Active Directory, and App Service)**.
- Experience in **.Net Core Microservices**.
- Knowledge of **Complete Azure Infrastructure (Administration, Development, Security, and DevOps)**.
- Extensively worked on **Rest APIs** and Windows Communication Foundation services (**WCF**)
- Extensive experience in **ASP.NET, C#.NET, .Net Core, Rest API, ASP.NET Web Services**.
- Expert in Object Oriented concepts and various **Design Patterns**.
- Expert in Unified Modelling Language (**UML**).
- Expert in writing **SSIS, DTS packages, Reporting Services, PL/SQL, SQL, and T-SQL**.
- Extensively worked with **RDBMS** using **Entity Framework, ADO.NET, ADO, RDO, ODBC, OLEDB**,
- Worked with **MS SQL Server, Postgres SQL and Oracle** databases.
- Extensive knowledge in **LINQ, Entity Framework, and Dapper**.
- Extensive knowledge in **Unit testing (MSUnit, Nunit, Xunit)**

Technical Skills

Azure	Azure Service Bus, Blob Storage, Storage Explorer, Azure Functions, Logic Apps, AzCopy, SQL Database, CI/CD, VMs, Active Directory, API Management, Redis Cache, App Service and Security, Terraform.
Dot Net	.Net Core, ASP.NET, C#, VB.Net, AJAX, Ajax Control Tool Kit, Silverlight, Asp.Net, MVC, Web Pages, LINQ, Ninject, Fluent NHibernate, WCF, WPF, SharePoint, Web Services & Enterprise Library 5.0.
Languages	C#, ASP.NET, NodeJS, JavaScript, TypeScript, Java, Python, Scala, LINQ, XAML, VB.NET, ADO.NET, VB, VBA, SQL, PL/SQL, T-SQL, C++, C.
Operating Systems	Windows, WSL, Ubuntu, Red Hat Linux, MS-DOS.
Artificial Intelligence	LLMs, Prompt Engineering, Ollama, Open AI
Databases	SQL Server, Oracle, MS-Access, Postgres SQL, SQLite.
Web Servers	IIS, Nginx, Node Server, Apache Tomcat
IDE	Visual Studio Code, Visual Studio, IntelliJ, PyCharm, JupyterLab, Eclipse, Microsoft Office, Expression Blend 3.0, Visual InterDev, Visio Info Path, Allaire-Homesite, JBuilder 2.1.
Internet Technologies	Angular, AngularJS, RxJS, ReactJS, Redux, Bootstrap, Tailwind CSS, JavaScript, HTML, DHTML, CSS, JQuery, JQuery Plugins, NPM, AJAX, ASP.NET, ASP, Telerik Rad controls, Web Platform Installer, NuGet, Web Matrix, Altova XML Spy, YUI-Grids CSS, Silverlight, XML, VB Script, JSP.
XML Technologies	XML, XSLT, Xpath, XSL, XSD, XML Schema
Reporting Tools	Reporting Services, Telerik Reporting, Crystal Reports 9, Active Reports
Middleware	ActiveX, OLE DB, DLL, COM, COM+, DCOM, ODBC
Third Party Tools	Telerik Controls, LINQPad, Infragistics controls, Sheridan, Video Soft, Oletra Resizer, Janus Tool bar, IP Works, Image man, VS printer.
Version Control	Docker Hub, GIT Hub, Azure Container Registry, TFS, Visual Source Safe

Education & Certifications

- Master of Science in Software Engineering
- Master of Science in Physics.
- Post Graduate Diploma in Computer Sciences.
- Brain Bench certified Java programmer: Transcript ID is 2229080
- [Microsoft Certified Professional \(MCP\) in Developing Web applications with C# .Net: MCP ID 3525937](#)
- [Microsoft Certified Professional in Azure Fundamentals: H463-0575](#)
- [Microsoft Certified Professional in Azure Developer Associate: H509-7874](#)

Experience

Publix Super Markets, Inc.
www.publix.com
Job Title: Senior Software Engineer

Nov 2022 – Dec 2024

Description:

The Invoicing and Charges Application (INCA) will centralize functionality for invoicing, and store charges and credits into a single invoicing and charging system. INCA application will create store invoices from warehouse shipping data and process store charges/credits providing a centralized functionality for all warehouse to store invoicing functions.

The Publix Corporate Purchasing Systems Support (CPSS) will have access to review and apply charges/credits requests. CPSS will identify store invoice(s) to update and enter a charge or credit directly to the invoice line item for correction which will update the Store Accounting system.

The INCA project contains various batch process modules like Generate Invoice Summary, Process Charges, Invoice Data Sync, and Item Data Sync to process the data.

The application leverages .NET Core for server-side logic and ReactJS for the client-side. The server does not and should not connect directly to any databases. All access is intended to be routed to Restful API applications. Access is controlled through Azure Active Directory authentication.

Responsibilities:

- Working on the design, & development of the Invoicing and Charges Application (INCA).
- Working on the design, & development of the INCA **Telerik Reporting**.
- Working on the design, & development of the Batch Processes to load data and generate **PDFs**.
- Developed **Front End** application using **ReactJS**.
- Development of components in **.Net Core**.
- Worked on **Continuous Integration and Deployment**.
- Written all the services in **Asp.Net Web API**.
- Used **DevOps Wiki** for documentation.
- Used **Visio** application for **User Flow and Sequence** Diagrams.
- Used **Azure Active Directory Authentication**.
- Interacting with the business and project managers on the business interfaces, requirements, and issues.
- Worked on the development timeline, testing, & deliverables for the biweekly **Development** and **QA** Versions.
- Responsible for fixing defects as per the **Azure DevOps** boards.
- Azure pipeline deploys the API, UI, and Batch applications on **OpenShift**.
- Managed **Development**, and **QA deployments**.
- Managed **Docker** Images, **Azure CI/CD** App Service Web staging deployments.
- Used **Data Annotations** to set the **Type Attributes & Meta Data Schema** for the classes.
- Used Validation Controls & Validation Summary for server-side validation.
- Created all the stored procedures using **Transact-SQL**.
- Used **Dapper** to store and retrieve data from the database.
- Managed software configuration and version control using **DevOps Repos**.

Environment: Agile, Azure DevOps, .Net Core, C#, Web API, Azure Boards, Azure Pipelines, OpenShift, Docker, Kubernetes, Visual Studio, Visual Studio Code, Telerik Reporting, Node, ReactJS, TypeScript, HTML, CSS, Power Shell, NPM, NuGet, SQL Server, Dapper, GIT.

Mobile Health
www.mobilehealth.com
Job Title: Senior Software Engineer

June 2021 – Oct 2022

Description:

Mobile Health offers occupational health and employee screening nationwide. Services include Physical exams, Drug & Alcohol testing, X-Ray services, Vision & Hearing exams, Background checks, Physical abilities test, Vaccines, and covid on-site testing.

Client Portal (CP3) application is the user interface for the back-office admin staff at Mobile Health. The application is intended for use internally by Mobile Health admins only.

Client Portal (CP3) application contains various modules like Onsite Dashboard, Onsite, People, Users, Onsite Results, Appointment Results, and Reports.

The application leverages .NET Core for server-side logic and Angular for the client-side Angular framework. The server does not and should not connect directly to any databases. All access is intended to be routed to Restful API applications. Access is controlled through a central Single Sign On (SSO) Identity server.

Responsibilities:

- Working on the design, & development of the **Client Portal**.
- Used **Azure App Service, Azure Functions** and **Blob storage**.
- Developed **Front End** application using **Angular Framework**.
- Development of components in **.Net Core**.
- Worked on **.Net Micro Services, Continuous Integration and Deployment**.
- Written all the services in **Asp.Net Web API**.
- Used **DevOps Wiki** for documentation.
- Used **Draw.io** application for User Flow Diagrams.
- Used **Single Sign-on using Identity Server 4**.
- Interacting with the business and project managers on the business interfaces, requirements, and issues.
- Worked on the development timeline, testing, & deliverables for the biweekly **Development** and **QA** Versions.
- Responsible for fixing defects as per the **Azure DevOps** boards.
- Managed **Development**, and **QA deployments**.
- Managed **Docker Images, Azure CI/CD** App Service Web staging deployments.
- Used **Data Annotations** to set the **Type Attributes & Meta Data Schema** for the classes.
- Used Validation Controls & Validation Summary for server-side validation.
- Created all the stored procedures using **Transact-SQL**.
- Used stored procedures to store and retrieve data from the database.
- Managed software configuration and version control using **DevOps Repos**.

Environment: Agile, Azure DevOps, .Net Core, C#, Angular 11, Web API, Azure Functions, Azure Pipelines, Micro Services, Docker, Kubernetes, Visual Studio, Visual Studio Code, TypeScript, HTML, CSS, JQuery, Power Shell, NPM, NuGet, SQL Server, Entity Framework Core, GIT.

Premier Inc., Charlotte, NC

Nov 2016 – May 2021

www.premierinc.com

Job Title: Senior Software Engineer

Description: Premier, Inc. is a healthcare improvement company to improve the health of communities and ability to connect healthcare organizations across the country.

The client American Medical Association (AMA) is working to enhance the delivery of care and enable physicians and health teams to partner with patients to achieve better health.

Worked on various community sites(organizations) like (AMA, CAP, AHA, etc...)

Created data model and application interface to accommodate an Administrator's ability to manage Institution Management, Program Management User Management, and Course management, Dashboard screens for the Management modules using **Angular framework** and deployed the builds to the Client's **Azure App service**.

Implemented connectivity between **AMA and Premier LMS system using Advantage integration API calls**. Ability to manage the data using **Web APIs** and **Azure API management**.

All the transactional messaging information to the client using **Azure Storage Bus**.

Responsibilities:

- Working on the architecture, design, & development of Community Portal, and project framework setup.
- Used **Azure App Service, Azure Functions, and Storage Bus** for sending messages to the client.
- Developed **Front End** application using **Angular Framework**.
- Implemented **Angular CLI build** and deployment process for **Asp.Net MVC** platform.
- Implemented **Chase Paymentech credit card** transaction processing using **Chase orbital .Net** library.
- Development of components in **.Net Core**.
- Worked on **.Net Micro Services, Continuous Integration and Deployment**.
- Written all the services in **Asp.Net Web API**.
- Implemented **Azure API Management** and **Swagger** for **Rest APIs**.
- Worked on **Single Sign-on with SAML** and Advantage Integration Process.
- Interacting with the business and project managers on the business interfaces, requirements, and issues.
- Worked on the development timeline, testing, & deliverables for the weekly **Staging, UAT & Prod**. Versions.
- Responsible for fixing defects as per the **JIRA** Sprint board.
- Managed **Development, QA, and UAT deployments**.
- Used **MVC Razor** View engine.
- Managed **Development, Staging and UAT** deployments.
- Managed **Docker** Images, **Azure CI/CD** App Service Web staging deployments.
- Create and deployed **DTS** packages using **SSIS**.
- Used **Data Annotations** to set the **Type Attributes & Meta Data Schema** for the classes.
- Used Validation Controls & Validation Summary for server-side validation.
- Created all the stored procedures using **Transact-SQL**.
- Used stored procedures to store and retrieve data from the database.
- Managed software configuration and version control using **GIT** and **Team Foundation Server**.

Environment: Agile, JIRA, .Net Core, C#, ASP.NET MVC, Web API, Azure, Azure API Management, Redis Cache, Azure DevOps, Micro Services, Docker, Visual Studio, Visual Studio Code, IntelliJ, Java, TypeScript, RxJS, Node, HTML, CSS, JQuery, Power Shell, Angular 4, NPM, NuGet, SSIS, SQL Server, Entity Framework Core, TFS, GIT, Maven.

CECity, Pittsburgh, PA
College of American Pathologists (CAP)
<http://info.cecity.com>
Job Title: Senior Software Engineer

Jun 2014 – Oct 2016

Description: CECity.com, Inc. is the leading provider of cloud-based quality reporting, performance improvement, and lifelong learning platforms.

On the forefront of solution development in support of healthcare reform. CECity continues to innovate quality improvement technologies to help unify and simplify complex requirements facing healthcare organizations and their providers today.

CECity offers turnkey solutions for the College of American Pathologists (CAP), Continuing Medical Education (CME), Maintenance of Certification (MOC), Performance Improvement (PI and PI-CME), Registries, Pay for Reporting (including the Physician Quality Reporting System (PQRS)) and Lifelong Learning Portfolios.

The College of American Pathologists (CAP), the leading organization of board-certified pathologists, serves patients, pathologists, and the public by fostering and advocating excellence in the practice of pathology and laboratory medicine worldwide.

Responsibilities:

- Working on the architecture, design, & development of the Command Centre App., Community Portal, and Web API project.
- Development of front-end screens in **ASP.Net**.
- Development of components in **C#.Net**.
- Worked on Single Sign-on with SAML.
- Interacting with the business management and project managers on the business interfaces, requirements, and issues.
- Working on the development timeline, testing, & deliverables for the weekly UAT & Prod. Versions.
- Writing the business logic in stored procedures & queries for **LogiXML** reporting purposes.
- Responsible for fixing defects as per accept on demand tool.
- Used MVC 4.0 **Razor** View engine.
- Used **Telerik Rad Grid** control.
- Managed Development, Staging deployments.
- Used **Data Annotations** to set the **Type Attributes & Meta Data Schema** for the classes.
- Used Validation Controls & Validation Summary for server-side validation.
- Implemented **SOA architecture**.
- Written all the services in **Restful API**.
- Created all the stored procedures using **Transact-SQL**.
- Used **Entity Framework** to call stored procedures to store and retrieve data from the database.
- Used **LINQ to Entities** to query and save the data.
- Managed software configuration and version control using **Team Foundation Server**.

Environment: Visual Studio, C#.Net, MVC, ASP.NET 4.5, Web API, AngularJS, Knockout, HTML, CSS, Ninject, LINQPad, Bootstrap 3, Active Directory Services, Entity Framework, Open XML SDK, XML, Telerik Rad Controls, Log4net, JavaScript, JQuery, NUnit, NuGet, SQL Server, TFS 2012, LogiXML.

Wachtell, Lipton, Rosen & Katz, Manhattan, NY
Corporate Transaction List, SharePoint Intranet Portal
<http://www.wlrk.com>
Job Title: .Net Full Stack Developer

Nov 2010 – Jun 2014

Description: The Corporate Transaction List (CTL) is an online database that captures specific metadata about the Firm's Mergers and acquisitions (M&A) transactions. The CTL is a core tool within the organization and serves several purposes including, but not limited to, knowledge management and business development. The tool allows users to construct complex searches and then export the results into either excel or pre-formatted report. It also provides links to supporting work-product stored in the Firm's document management system.

The "Firm Directory" is the Firm's authoritative source of personnel data and is the most widely used application on the Intranet. It is an essential tool used by the entire enterprise that provides key contact information and biographical data for every employee.

The "My Feed Publisher", a .NET console application, automatically scans key repositories of information and publishes them to a Facebook-like newsfeed on the Firm's Intranet homepage. This application increases productivity by relieving staff across several departments from performing manual data entry.

The Share point portal Intranet's "Mega Menu", developed using a combination of standard HTML and JQuery, offers an improved user experience and was a core goal of the redesigned site's information architecture.

Responsibilities:

- Development of front-end screens in **ASP.Net**.
- Development of components in **C#.Net**.
- Used **Dynamic Data Framework** for Admin screens & CRUD functionality.
- Used **Integrated Authentication** using Kerberos against Active Directory.
- Development of Share point pages using **Share point designer 2007**.
- Created various web parts to support portal functionality especially Option preferences & Announcements.
- Used Collaborative Application Mark-up Language (**CAML**) query to retrieve records from **share point** Activity & RSS feeds.
- Used **JQuery Cluetip** plug in to pop up nice flashy windows for better user experience & rich look.
- Extensively used **One View web parts** for various portal functionality.
- Used **Telerik Rad Grid** control.
- Used **Menu Navigation** control for Site navigation.
- Developed web services to fetch look-up data by using **JQuery Json** functionality.
- Used **Log4net** for logging error information.
- Managed Development, Staging deployments.
- Used **Data Annotations** to set the **Type Attributes & Meta Data Schema** for the classes.
- Used Validation Controls & Validation Summary for server-side validation.
- Implemented **SOA architecture**.
- Written all the services in **Web Services & WCF**.
- Created all the stored procedures using **Transact-SQL**
- Used **Entity Framework** to call stored procedures to store and retrieve data from the database.
- Used **LINQ to Entities** to query and saving the data.
- Managed software configuration and version control using **Team Foundation Server**.

Environment: Visual Studio 2012, C#.Net, MVC 4.0, WPF, Framework 4.5, ASP.NET 4.5, SharePoint Services, Ninject, LINQ, LINQPad, Bootstrap 3, Active Directory Services, Entity Framework, Web Services, WCF, XML, Telerik Rad Controls, Log4net, JQuery, MsUnit, NuGet, SQL Server 2012, TFS 2012.

NYC Department of Education, Brooklyn, NY
Virtual School User Admin Web Application
<http://schools.nyc.gov>
Job Title: Senior .Net Developer

Jan 2010 – Oct 2010

Description: Virtual School project requires creating user identities for students in the Identity Management System. The Application will enable the school staff to review the user ids and passwords and distribute to the students enrolled in virtual school program.

An authorized user will log onto the User Admin Web Application. User can view the student credentials list in entire school, for a given teacher name, for a course-section or for a student name. User can generate User Id credentials report for a single or multiple students, teacher or course section in CSV, RTF or PDF formats and save it to Desktop. User can send these reports through e-mail to the selected DOE staff.

Responsibilities:

- Development of front-end screens in **ASP.Net**.
- Development of components in **C#.Net**.
- Used Validation Controls & Validation Summary for server-side validation.
- Implemented **SOA architecture**.
- Created all the stored procedures using **Transact-SQL**.
- Used **ADO.Net Entity Framework** to call stored procedures to store and retrieve data from the database.
- Managed software configuration and version control using **Team Foundation Server**.

Environment: Visual Studio .Net 2010, C#.Net, Framework 3.5, ASP.NET 3.5, Silverlight 4, WCF RIA Services, ADO.Net Entity Framework, LINQ, Ajax Control Tool Kit 3.5, User Controls, Http Handlers, Log4net, Telerik Rad Controls, JQuery, MsUnit, SQL Server 2008, Team Foundation Server 2010.

NRECA., Arlington, US
Benefit Plan Rating
www.nreca.org
Job Title: IT Consultant

May 2006 – Dec 2009

Description: The Benefit Plan Rating software is a rate modelling tool that illustrates current rates, renewal rates, and current plan options for Benefit Administrators and internal NRECA users. This software is accessible on the NRECA Employee Benefits Website (NEB).

Each year the Group Insurance Department leads a rerating process for insurance plans. This process involves a review of existing pricing factors, the development of pricing factors and rate calculations for new product options and plans, and the development and implementation of new product options and plans.

The Benefit Plan Rating software currently provides functionality on the NEB website and on the administrative website. The following features are offered to users on the NEB website: View renewal rates, view, confirm, change, and replace current plans, build new plans, open saved plans, view requests sent, and view approved plans.

Responsibilities:

- Creating and maintaining the stored procedures.
- Development of front-end screens in **ASP.Net** and components in **C#.Net**
- Implemented **SOA architecture** using **WCF**.
- Unit testing for developed code and code walk through with team members.
- Maintaining application and technical support and documentation

Environment: Visual Studio .Net 2008, C#.Net, VB.Net, Framework 3.5, ASP.NET MVC1.0, WCF, WWF, LINQ, JQuery, NHibernate, xUnit, Oracle, Active Reports, SVN, Cruise Control & Team City.

Rediker Software Inc., Hampden, MA, US
Administrators Plus Online
www.Rediker.com
Job Title: Senior Software Engineer

Jul 2002 – Apr 2006

Description: Administrator's Plus is a complete school management Software developed and implemented in more than 5000 schools in USA. This product contains 6 modules, Database, Attendance, Billing, Scheduling, Report Cards and Discipline. The Teacher and Management staff in the school can enter the details through online. US Government too authorized to view the data entered by the staff. A consolidated report for each student will be taken and sent to the US Government.

Responsibilities:

- Functioning as the **Team lead** for the entire Project.
- Work allocation and review of work carried out by the team at the end of the day.
- Created Use Case, Class, Collaboration, Sequence and Deployment diagrams using **Visio 2000/UML**
- Used **Infragistics NetAdvantage** ASP.NET controls for rich user interface.
- Maintaining the **defect log** documents

Environment: Visual Studio.NET 2003, ASP.NET1.1, ADO.NET1.1, C#.NET, Infragistics NetAdvantage web controls, SQL Server2000, Erwin, Macromedia Dreamweaver, Visual Source safe for Version Control.

Digital Impact (UK) Ltd
D3ITV KOS-After Dark - ITV shop
Job Title: Senior Software Engineer

Feb 2002 – Jun 2002

Description: The Application enables the customers (TV-Viewers) to shop products on the sky digital platform using Set Top Box. They should supply the Card and Address details, which are sent to the web server and verified through dial-up connection.

The System uses SOAP messaging to exchange the data between DI3 and KOS database servers, which act as Agent and Manufacturer Databases, respectively. Scheduling of Orders is implemented on Crontab and Java Timer for every hour that intern would sends E-Mail to Administrator of DI3 database with new orders that are placed by customers.

Responsibilities:

- Involved in Database Design, Parsing and Preparing **SOAP** and **XML** documents.
- Composing **JSP** and **SDL** files and producing MUX file
- Deploying the application in **SetTop Box** with Flow Debugger tool of **OpenTV SDK** software
- Analyse the specifications and improve performance on a continuous basis.
- Involved in unit testing.

Environment: Java (jdk1.3.1_03), Servlet2.3, JSP1.2, JSTL, Tomcat4.0.3, Oracle, Jbuilder 6, OpenTV SDK, SOAP, Xbrowser, Set Top Box, MUX, Red Hat Linux7.1, Windows NT/2000, SDL, MUX.

Century Drive Pty. Ltd., Melbourne, Australia
Point of Sale (POS)
Job Title: Senior Software Engineer

Dec 2000 – Jan2002

Description: The project involved the development of a web application for the hospitality industry and is used primarily to keep track of services provided to customers, details of service providers, and billing & payment disbursement. There are two main modules in the application (Agency Access and Astra Marketing).

This module handles the scheduling of service providers, maintenance of the shift systems, booking rooms, voucher making and billing, and service provider claims with cards. This is a touch screen system.

Administration System, made up of two sub modules:

- a) Agency Access will assist the administration with recruitment and termination of service providers, validating transactions, printing bills for booking and service provider claims, maintaining lost card information and flexible search system to search for information.

- b) Astra Marketing is similar in functionality to Agency access but is used to maintain the records of support staff like receptionists, emergency maintenance service and security staff.

Responsibilities:

- Worked on both modules of the Administration system.
- Involved in capturing of requirements and preparing the system specification.
- Involved in Database design and written stored procedures for data transactions.
- Designed the system flow and the screens using **Dream weaver** and **Home Site 4.5**
- Used **JDBC2.0** to communicate with **PostgreSQL** database.
- Created **Servlets**, **JSP** and **Java Bean** components used in the system.

Environment: Java, Linux RH 6.2, Windows NT, PostgreSQL, JSP, Java Script, Servlets, Java Beans, Apache Tomcat 3.3, JDBC2.0, TeraTerm. Allaire-Homesite 4.5.

Rediker Software Inc., Hampden, MA, US
Administrator's Plus
www.Rediker.com
Job Title: Senior Software Engineer

Mar 1999 – Nov 2000

Description: This project involved developing various modules like Database, Attendance, Report Cards, Scheduling, Discipline and Billing. Database module is the file maintenance module and is the core module, which is referred to by all the other modules of the application. Attendance module takes care of daily attendance and period attendance. Scheduling helps the school to build the schedule and to assign students into their classes. The Report Card module deals with customisation and printing of report cards. Discipline module keeps track of student discipline, and the billing module is a full-fledged billing program. Report Writer sub module present in all these modules is used to generate relevant reports.

Responsibilities:

- Functioning as the **Team leader** for Database and Attendance sub modules
- Involved in preparing **HLD** and **LLD** documents.
- Work allocation and review of work carried out by the team.
- Wrote rules for ensuring data integrity in the back end flat data files.
- Preparing various Excel sheets & Pivot Table sheets using **VBA** programming
- Preparing **customized state reports for various states (NY, NJ, OK, AL, MA, WI, SD, PA, NH, ME, LA, CT)**

Environment: Visual Basic6.0, VBA, VS Printer Control, Visual Source safe for Version Control, Text Files & SQL Server2000, Sheridan, Video Soft, Olectra Resizer, Janus Tool bar, IP Works, Image man, Spell Checker.

DRDO, Bangalore
COMNET (Communication Network)
Job Title: Software Engineer

May 1998 – Feb 1999

Description: This software project has been developed for communication network which may consist of transmitters, receivers, and cables and their operating frequencies may range from a few MHz to 40 GHz. This software is helpful to the network manager with computer-based predictions at the initial stages of development as well as the operational stages of equipment. My contribution includes the development of Intra System EMC Design software module. This computes the total interference to noise ratio and Victim amplifier & Filter rejection value for several couplings.

Responsibilities:

- Created Mil-**Std 498** documents and maintenance.
- Involved in development & Testing.

Environment: Visual Basic 5.0, MS-Office, MS-Access.