VINANTI THAKUR
Bachelor of Engineer (Computers)
Phone: +1 860-920-9318 | Email: vinanti.thakur@gmail.com | Milford CT, USA

Senior Specialist Application Architect | Software Engineer | 12.5 Years' Experience in R&D | Information Technology

Professional Summary

- 12.5 years of experience in developing new enterprise solutions using the .NET/SQL Technology in SDLC, STLC and SSDLC.
- Expert in Business Process Engineering and Software Development Life Cycle including Analysis, Design, Development, Testing and Implementation of software applications.
- Expert in Web Development, Application Security, Full Stack Development, Agile development (SAFe Agile, Scrum, Kanban).
- Experience in functional design of product enhancements, coordinating with QA, PO, Product Architect, EA Team, Project Manager, IT support, Business and Customers for speedy development and quick releases.
- Adept in Code Review, Code Refactoring, Code Optimization, Resolving Vulnerability Issues & code cleanup.
- Knowledge of Software Architectures - Distributed, SOA, MVC, Client-Sever & Enterprise Architecture.
- Expert in Source code management, branching and merging using TortoiseSVN, TFS and GitHub. Knowledge of Continuous Integration jobs & packages building on Jenkins, Azure DevOps.
- Well-verse in the preparation of technical documents, Architecture Documents, RCA, mini specs, test cases, audit-built documentation and code audit documents.
- Expert in working on Legacy Applications and Systems for re-architecture & Code Optimization.
- Experience in providing technical knowledge and training such as OWASP Security flaws, Agile, Code Refactoring, Clean Code, GDP, CAPA, SOLID Principles.
- Adept in resolving issues, problem-solving, dealing with customer queries, provide work around.
- Expert in Requirement gathering, Case Study, Risk Analysis, Evaluation of dependencies, Gap Analysis, verifying Acceptance Criteria and Impact Analysis.
- Setting up Local development machine, server and database for implementation of application.
- Executing UTC, Unit testing on source code and VM, setting UAT machine for Testing, Deployment, Configuration. Package deployment & smoke testing on DEV, SIT, UAT, DR, PROD environments.
- Experience in Application/Story Demonstration and Dry Run for Technical Sign-off and Business Sign-off.
- Expert in Remedy Incident management, handling CRM cases and JIRA/Rally stories & defects for customer queries and stakeholder requirements.
- Providing estimation of work, case sizing, backlog grooming and PI planning.
- Proficient to work in a team as a productive team player, individually take-up and completion of the tasks. Experience in leading a team, team management and flexible to fit anywhere in the team. Experience in working with the offshore team and SPOC for stakeholders.
- Strictly following deadlines and priority of work with first time right approach. Possess time management skill. Ability to learn technical and business knowledge quickly with a 'Can-do' attitude.

Educational Qualification

B.E.	Bachelor of Engineer (Computers) in 2008 from University of Mumbai
Diploma	Diploma (Computer Engineering) in 2005 from Maharashtra State Board

Professional Certification

Microsoft Certified	MCP: 70-480: Programming in HTML5 with JavaScript and CSS3
TOGAF 9 Certified	Open Group TOGAF 9.2 Level 1, Level 2 (appearing)

Skills Summary	
Domain	Insurance, Finance, Banking, Electrical panels and boards, Forge Shop
Application Program	Web Application, Windows Application, Web Services, Microservices
Framework	Microsoft .NET Framework 5.0, 4.x, 3.x, 2.0
Programming Languages	C# 9.0, 8.0, 6.0, VB 9.0, 8.0, VB.NET, C#.NET
Scripting Languages	jQuery, JavaScript, VBScript, XML, HTML5, HTML, JSON, AJAX, PowerShell, Node.JS, Angular 3, 5
Styling	CSS, CSS3, Bootstrap
Internet Technologies	ASP.net Core 5.0, ASP.net 4.x, 3.x, 2.0, Classic ASP
Development Tool	Visual Studio Professional 2019, 2017, 2015, 2012, 2010, 2008, 2005, Visual Basic 6.0, Advanced Installer 10.3, 9.7, Windows Installer, Flexera, Visual Studio Code
Development Model	HTML Page, JavaScript File, Style Sheet, Web Form, WinForms, Web Page, Master Page, Resource File, Class File, Windows Service, Web Services, API, Microservices
Web Servers	IIS 10 Express, 6.0 / 7.0
Database Language	SQL, T-SQL, LINQ
Micro ORM	Entity Framework, LINQ to SQL, ADO.NET, ADO
Database	SQL Server 2019, 2016, 2012, 2008 R2, 2005, 2000, MySQL, IBM DB2
Data Query Tools	SSMS, AQT
Report	Crystal Report, MS RDLC, SSIS, Visio, QlikView, ActivePDF, Adobe Acrobat Pro DC
Application Framework	Web Forms Application, Windows Form Application, MVC Web Application, WebAPI
Web Testing Tool	Postman, Fiddler, Swagger, SoapUI
Code Review Tool	Crucible-FishEye, Sonar, GitHub, TFS, SonarQube
Productivity Tool	ReSharper, Event Viewer, Beyond Compare, Agent Ransack, SQL Profiler
Test Automation	MSTest, NUnit, TDD, SpecFlow, Selenium
Testing Tools	HP Quality Center, Rally TestFlow, Jira Test Suit
Messaging Queue	MSMQ, RabbitMQ
Source Control	Git, GitHub, Apache Subversion SVN, MS source safe, TFS
SCM Tools	TortoiseSVN, GitHub Desktop, TFS, SourceTree
CI Tools	Jenkins, UCD, TFS, Veracode, Azure DevOps
Architecture	Client-Server, 3-Tier Architecture, SOA, MVC, Distributed, CBD, TOGAF, Microservices
SDLC Models	AGILE, SAFe Agile, Waterfall
AGILE Tools	Rally, JIRA, Trello, GravityDev
Operating System	Windows 10, 8, 7, XP, Me, 2000, 98
Technologies	Web Development, Cyber Security, DevOps, Business Intelligence, Test Automation
Collaboration Tool	MS SharePoint, MS Lync, MS Outlook, Barracuda, Skype, Business Skype, Slack, Atlassian Confluence, Remedy Incident management, CRM, Team Viewer, WebEx

Training / Workshop Attained	
TOGAF 9.2 - Enterprise Architecture Framework	**Cyber Security** - Security Essentials
SAFe AGILE - Scaled Agile Framework	**Microservices** - Microservice Architecture
OWASP - Application Security Flaws	**AI-ML** - Artificial Intelligence Markup Language

Work Experience		
L&T Infotech (LTI) - USA	Senior Specialist Application Architect	**July 2018 to Present**
Client: BB&T now Truist	**Domain**: Insurance, Finance	**June 2020 to Present**

Project Description:
Premium Finance – One AFCO, myAFCO, PMP: Premium financing is the lending of funds to a person or company to cover the cost of an insurance premium. Premium finance loans are often provided by third party finance entity known as a premium financing company. To finance a premium, the individual or company requesting insurance must sign a premium finance agreement with the premium finance company. The premium finance company then pays the insurance premium and bills the individual or company, usually in monthly installments, for the cost of the loan.

Role & Contribution:
- Software Application Analysis, Design, Development, Testing and Implementation in Business Process Engineering and Software Development Life Cycle.
- Implementing and enhancing web-based applications, microservices utilizing .NET Framework 4.x, ASP.net solutions in C#.NET, SQL Server, and Visual Studio 2019.
- Provide technical leadership and guidance to the technical development team to analyze, design and the execute project work.
- Review key technical fixes and decisions recommended by the team and ensure that it complies with the architectural demand. Perform Pair programming, peer review and approve PR by Code reviewing.
- Design of high-level strategy for analysis, code change and unit testing and ensure seamless delivery committed in PI planning.
- Working on Legacy Applications and Systems for re-architecture & Code Optimization.
- Integrate Web services, message queue, microservices, IBM ODM business rules in Legacy application.
- Create and review SDLC Artifacts Document, to captures the important design decisions in multiple architectural views. Create Technical and Process flow documents.
- Work with technical subject matter expert and Product Owner for functional knowledge transition of applications and it's architecture.
- Drafted/reviewed Technical Documents, Architecture Documents, RCA Documents, User Test Cases; Design process flow, application architecture diagram using Microsoft Visio.
- Technical consultation for complex technical issues that need reimagination of current technical design.
- Coordinate with the enterprise team to understand enterprise-wide guidelines and setup the process for its implementation.
- Demonstrating Story in the sprint demo, participating in backlog refinement and PI panning.
- Performing package deployment and smoke testing on the DEV, SIT, UAT, DR, PROD environments. Collaborating with business users for effective user acceptance testing.

Technology & Tools:
Web Application, Microservices, .NET Framework 5.0, 4.x, ASP.net 4.x, ASP.net Core 5.0, C# 8.0, C#.NET, jQuery, JavaScript, XML, HTML5, JSON, PowerShell, CSS, Visual Studio 2019 professional, Visual Studio Code, IIS 10 Express, SQL Server 2019, 2016, ReSharper, SQL Profiler, Postman, Swagger, SoapUI, RabbitMQ, GitHub, SourceTree, TFS, Azure DevOps, SSIS, Adobe Acrobat Pro DC, SonarQube, ReSharper, CyberArk, Veracode, CA Rally, Microsoft Visio, XML Notepad, Microsoft Office, Microsoft SharePoint, Microsoft Outlook, Windows 10

Client: Travelers	**Domain**: Insurance	**Jul 2018 to May 2020**

Project Description:

Claim Technology Currency – Modern Browser: Claim Technology Currency Program is based on enterprise-wide guidelines on technology standards and currency requirements, multiple projects executed to enhance older technologies and standards to newer ones. Modern Browser projects involve understanding the guidelines from enterprise and setting up process to execute the changes within Claim division of the company.

Role & Contribution:

- Provided technical leadership/guidance to analysis, develop and execute the project work & technical consultation for complex issues.
- Performed Analysis, Design and Development of an application with full Software Development Life Cycle (SDLC), Performing peer programming and pair programming for resolution of issues.
- Performed Application Implementation, includes Chrome Remediation, Code Standardization, resolved Cross Browser, implemented SMD (Show Model Dialog) and Notification section, Git migration. Implemented utilities/scripts for work automation.
- Implemented solution of Financial Roundoff Logic, Resolved CORS issue; Implemented PowerShell utilities - Import Dictionary, Web Server Scan for work automation.
- Reviewed key technical solutions and Architectural changes with TRV Architect to ensure the compliance with claims architecture and provide optimum cost-effective solutions. Ensuring adoption of standard and best practices during execution.
- Designed high-level strategy for analysis, code change and unit testing and ensured seamless delivery. Created and reviewed SDLC Artifacts Document, to captures the important design decisions in multiple architectural views.
- Worked with technical subject matter experts for functional knowledge transition of applications. Collaborated with business users for effective user acceptance testing.
- Worked as a SPOC for Stakeholders, Management and Team. Coordinated with enterprise team to understand enterprise-wide guidelines and setup the process for its implementation.
- Reviewed code, unit test cases and provided technical sign-off for development team. Coordinating code walkthrough with stakeholders/technical SME.
- Coordinated with offshore development team, Providing the technical design and solutions to ensure prompt delivery in terms of quality and schedule. Performed 24X7 implementation for Off Releases.
- Provided estimates for projects/Application in demand queue. Analyzed the requirement and Create Technical specifications wherever necessary.
- Mentor team by providing technical sessions such as OWASP, Clean Code, GDP, Agile, TortoiseSVN.
- Drafted/reviewed Technical Documents, Architecture Documents, RCA Documents, Test Cases, Standard Procedure, Status Report, Project Closure Documents. Presented weekly status report in QlikView.
- Extensively worked for the pilot and rollout of chrome claim applications. Performed active role in IT advisor group for user's query and quick resolution on Remedy Incident management.

Technology & Tools:

Web Application, Client Utility, .NET Framework 4.x, 3.5, ASP.net 4.x, C# 8.0, C#.NET, VB.NET, jQuery, JavaScript, XML, HTML5, JSON, AJAX, PowerShell, CSS, Visual Studio 2019, 2017, Flexera, SQL Server 2012/2016, IBM DB2, Event Viewer, Advance Query Tool (AQT) , Beyond Compare, Agent Ransack, Fiddler, Apache Subversion SVN, GitHub, IBM Urban Code Deployment (UCD), Jenkins, Remedy Incident management, CA Rally, HP Quality Center, Visio, QlikView 12, Microsoft Office, Microsoft SharePoint, MS Outlook, Slack, Windows 7, Windows 10

Hexaware Technologies Ltd. - India	Software Architect	May 2018 to July 2018

Domain: Banking

Project Description: Nomura Project

Role & Contribution:
- Attained project planning requirement gathering meetings with Business team.
- Worked for architecture designing with Architecture review board.
- Drafted Technical documents and architecture workflow documents.
- Training given on Clean Code, SOLID principles.

Technology & Tools:
Web Application, .NET Framework 4.x, ASP.net, C# 6.0, HTML5, Angular, CSS3, Visual Studio 2017, SQL Server 2016, GitHub, LINQ, Entity Framework, Windows 8

CoreCard Software Inc. (ISC) - India	Team Lead – Dot Net	Jan 2018 to May 2018

Domain: Finance/Card management system

Project Description:
SELFSERVICE: SELFSERVICE is seamlessly integrated with CoreISSUE, providing card issuers with a web-based out-of-the-box customer self-service portal that requires minimal set-up effort.
Account Summary Information, Prior & Current Statements, Current Account Activity, Account Maintenance Tasks.

Role & Contribution:
- Performed Analysis, Design and Development of an application with full Software Development Life Cycle (SDLC) from inception to peak/delivery.
- Migrated ASP.net Web application to ASP.net MVC, AngularJS, Angular application. Converted services to WebAPI.
- Tests, debugs, and documents programs for relatively complex or large projects.
- Requirement gathering, verifying Acceptance Criteria, Case Study.
- Performed Code Review, code refactoring.
- Expert in delivering Ad Hoc Request & Bug fixes.
- Used TortoiseSVN for source code management.
- Applied different Design Patterns and SOLID principles for better code quality and code reusability.
- Innovated and provided functional applications with intuitive interfaces.
- Experienced in working with the team for conveying requirements, Team management & assigned task to team. Communicated clearly with business users and project manager.
- Constructed user guides and technical documentation.

Technology & Tools:
Web Application, Web services, .NET Framework 4.x, ASP.net 4.x, C# 6.0, C#.NET, MVC, jQuery, HTML5, JSON, AngularJS, Angular, Bootstrap, Visual Studio 2015, SQL Server 2016, Postman, TortoiseSVN, JIRA, Windows 8

Banker's Toolbox Inc. (Abrigo) - India, USA	Sr. Software Engineer	Nov 2011 to Oct 2017

Domain: Banking

Project Description:
Secure Wire Transfer Automation & Fraud Detection: Manual wire processing is perhaps the most inefficient process in banking operations today. The process itself exposes the institution to the risk of human errors, OFAC concerns, audit concerns and fraud risk. Secure Wire Transfer Automation helps to protect the institution and gain efficiency.
BSA & AML Compliance: It is a powerful anti-money laundering and fraud prevention software solution designed to detect and resolve suspicious financial activity.

Role & Contribution:
- Involved in Design, Development, Testing and Deployment phases of Software Development Life Cycle. Implemented web-based applications utilizing .NET Framework 3.x, ASP.net solutions in C#.NET, VB.NET, ADO.NET, SQL Server, and Visual Studio 2005/2008.
- Coordinating with QA, Product Owner, Product Architecture, Project Manager, IT support and Customers for speedy development and quick release. Handling JIRA stories and CRM cases for customer queries and requirements. Risk Analysis and Evaluation of dependencies.
- Participated in the daily stand-up Scrum Agile Meetings as part of AGILE Software Development Process for reporting the day-to-day developments of the work done. Used Agile Software Development Methodology for developing the Application and followed the Software Development Life Cycle for each iteration for team projects.
- Identifying, fixing and preventing security vulnerabilities. Participating in coding, Code Review, code refactoring and code optimization, testing, time-box delivery and deployment and on-site training. Worked on Enhancement as per business requirement.
- Involved in application supports and releasing the fixes. Implementing Ad Hoc Request & Bug fixes.
- Experience in working with offshore team for conveying requirements. Story demonstration and dry run.
- Resolved potential issues that arose during the execution of development. Involved in making builds in both Development & Testing Server. Prepared test cases and technical design documents.
- Continuous Integration jobs building on Jenkins, building package, making releases, creating Hot Fix, Worked as DevOps.
- Worked with both Client-side and Server-side validations using JavaScript and Server-Side Validator controls like required field validator, compare field validator and custom field validator.
- Used JavaScript to enhance the dynamics and interactive features of a web page by allowing the user to perform calculations, validate form inputs, and add special effects, Customize selections, Confirmation.
- Created User Controls for Add/Remove Functionality in Grid Display, multi-select box, expandable grid to display Credit & Debit transaction & activities.
- Implemented Thread based multitasking i.e., multi-threading for better performance.
- Worked on Web Application Security to resolve vulnerability issue, XSS (Cross-site scripting), SQL Injection using OWASP ZAP.
- Prepared technical documents, Architecture Documents, mini specs, audit-built & code audit documents.

Technology & Tools:
Web Application, Windows Application, .NET Framework 4.x, 3.x, ASP.net 4.x, 3.x, VB 9.0, C# 6.0, VB.NET, C#.NET, jQuery, JavaScript, VBScript, XML, HTML5, JSON, AJAX 2.0, CSS3, Visual Studio 2015, 2012, 2010, 2008, Visual Basic 6.0, IIS, SQL Server 2012, 2008 R2, Advanced Installer 10.3, SQL Profiler, TortoiseSVN, Sonar Violation, OWASP ZAP, SQL, T-SQL, LINQ, ADO.NET, ADO, Entity Framework, MSMQ, Crystal Report, Crucible-FishEye, ReSharper, MSTest, NUnit, Jenkins, JIRA, Trello, Windows 7

Iconic InfoTech Ltd. - India	Project Leader	Aug 2009 to Oct 2011

Domain: Electrical panels and board

Project Description:
Simplifi - ED.LV Engineering (Wire Module): Simplifi-ED.LV Engineering Solution is designed to process inputs as an independent solution or output from Estimation Solution.
Simplifi - ED.LV Estimation (Costing, Front View): The estimation solution is a menu driven user-friendly IT based intelligent software, which helps user to create accurate offers with minimum efforts in the most efficient manner.

Role & Contribution:
- Shouldered responsibility of software development, analyzing information, identifying and resolving issues, problem- solving and mitigating risks.
- Performed software designing, debugging, testing, documentation and pair programming.
- Designed and developed user interfaces using ASP.net web forms, VB and interacted with business analysts for resolving functional issues. Created the Templates and postings for all the ASP.net pages.
- Followed Waterfall method for application design, Code, Implementation, Testing and UAT.
- Involved in writing complex SQL queries and Stored Procedures, used in ASP.net. Created Web User Controls for Code reusability and used several State Management features.
- Used ADO.NET Objects such as Data Reader, Dataset and Data Adapter for consistent access to SQL data sources. Experience with Data Modeling.
- Created new database objects like Procedures, Functions, Packages, Triggers, Indexes and Views in Development and Production environment for SQL Server 2005.
- Developed Cross Tab Reports, Sub Reports & Parameter Reports by using Crystal Report.

Technology & Tools:
Web Application, .NET Framework 2.0, ASP.net 2.0, VB 8.0, VB.NET, JavaScript, XML, HTML, Visual Studio 2005, IIS, SQL Server 2005, MS source safe, ADO.NET, Crystal Report, Jet SQL, SQL, T-SQL, MySQL, Windows XP

Vipras Castings Ltd. - India	Trainee Software Developer	Oct 2008 to Jul 2009

Domain: Forge Shop

Project Description:
EDP – ERP, PCC: The business process management software that allows an organization to use a system of integrated applications to manage the business and automate many back-office functions related to technology, services and human resources.
Scarp Yard: Scarp yard management software that allows to an organization to keep the record of scrap material for further use.

Role & Contribution:
- Worked for software development and resolving issues.
- Worked for requirement gathering, designing, development, troubleshooting & debugging the software.
- Developed the Windows application to provide the read/write access to grouping parameters and user level customization parameters.
- Collaborated with the user in determining requirements of each department.

Technology & Tools:
Windows Application, .NET Framework 2.0, VB 8.0, VB.NET, Visual Studio 2005, Visual Basic 6.0, SQL Server 2005, 2000, MySQL, ADO.NET, ADO, MS RDLC, SQL, TeamViewer, Windows XP