**Manikanth Talasu**

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| **EXPERIENCE SUMMARY** |

* Results-driven professional with 9+ years of experience in Microsoft .NET Azure Architecture, Web & Mobile development, design, testing, implementation, and maintenance of Software Applications Proven record of shipping high quality software.
* Proficient in C#.NET, ASP.NET, .NET Framework, .NET Core technologies, and expert in deploying applications to Azure Cloud with security standards.
* Skilled in building web applications, web services, and cost-effective management of Azure cloud resources.
* Expertise in building business applications working directly with stakeholders.
* Possess excellent programming skills with a strong object-oriented programming concepts using C#.NET.
* Proficient in developing applications and websites with a focus on security, incorporating best practices such as OWASP top ten standards. Experienced in deploying these solutions to Azure Cloud, ensuring adherence to robust security measures.
* Expertise in developing web applications using MVC, ASP.NET, C#, LINQ, SQL Server, .NET Core, Entity Framework, Web API, HTML/5, CSS/3, React JS, JavaScript, AJAX, jQuery, Bootstrap, Telerik Controls.
* Exposure to all phases of Software Development Life Cycle (SDLC). Involved in all phases of SDLC in large scale enterprise software, covering the requirements definition, analysis, design, coding, and documentation.
* Exposure to Java Programming as part of application migrations from Java to C# .Net.
* Familiarity with Test Driven Development (TDD) and Behaviour-driven development (BDD) methodologies.
* Skilled in application development with a strong adherence to Agile Methodologies, including Scrum, Kanban, Adaptive Software Development (ASD), and Feature Driven Development (FDD) across the entire Software Development Life Cycle (SDLC).
* Architecting cutting-edge solutions with a modern touch, featuring Microservices, Service-Oriented Architecture (SOA), Domain-Driven Design (DDD), CQRS, Asynchronous Messaging, Service Bus, Event Sourcing, APIs, and Web Services.
* Expertise in creating and utilizing CI/CD pipelines, containerization, and orchestration.
* Proven proficiency in debugging multi-tiered ASP.NET Web applications and APIs.
* Substantial experience in development, migration projects, and production support.
* Technical expertise in SQL on databases such as MS SQL Server, SQL Azure.
* Expertise in utilizing NoSQL technologies such as Azure Table Storage, Blob Storage, Queues.
* Knowledgeable in project management tools, processes, and techniques.
* Accustomed to working with different geographical teams, showcasing adaptability by wearing multiple hats when necessary.

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| **EDUCATION** |

* **Master of Science in Computer Science**, Stevens Institute of Technology, Hoboken, New Jersey
* Bachelor of Technology in Electronics & Instrumentation Engineering, Amrita Vishwa Vidyapeetham, Bengaluru, Karnataka, India

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| **PROFESSIONAL EXPERIENCE** |

**Archroma Us, Inc (Client)**  **Sep’17 – Till Date**

**Role:** Lead.Net Developer (Full Stack)

**Project:** E-Commerce, Product Development & Support - Business Integration

**Responsibilities:**

* Interact and collaborate with business to bring Color Solutions to Industry; including but not limited to: Retailer and Supply Chain workflow, palette management, color matching, colorimetric calculations, lab measurement instrumentations (spectrophotometers), color communication systems, foundation of color reflectance and QTX management/use.
* Implemented groundbreaking color science-based tools, significantly decreasing customer issue resolution times **by more than 300%.**
* Pioneered an innovative digital product analysis platform using cloud-based cognitive services, machine learning, and artificial intelligence. Achieved a remarkable **reduction in processing times by over 400% and introduced automated customer self-service workflows.**
* Conduct thorough technical analysis to translate high-level business requirements into detailed system specifications, leveraging specialized knowledge to assess workflow, documentation, and client feedback for effective problem-solving.
	+ Systematically review, prioritize, and liaise with users as needed. Analyze, address, and deploy solutions following established change management procedures.
* Actively engage in requirements, design, and test case review meetings throughout the project life cycle. Proficient in addressing critical areas such as input validation, verification, authorization, configuration management, data security, session management, cryptography, parameter handling, exception management, auditing, and logging.
* Lead architecture and design reviews to ensure robust security in web applications, covering aspects like input validation, authentication, authorization, configuration management, data protection, session control, cryptography, parameter handling, exception handling, auditing, and error-free deployment.
	+ Focus on core logic and architecture, not just aesthetics, while upholding coding standards and security protocols to prevent major changes during the review process.
* Demonstrated leadership and mentorship abilities, guiding teams to deliver applications that meet rigorous quality and industry standards.
* Spearheaded the development and integration of cutting-edge web applications, replacing legacy Java-based systems and seamlessly aligning with existing ecosystem requirements.
* Proficient in designing diverse controllers, models, and views to optimize application functionality for both business and consumer use.
* Exceptional coding skills in C# for various scenarios, consistently applying object-oriented programming principles.
* Skilled in the application of data annotations and crafting custom validation classes tailored to specific business needs.
* Utilized Entity Framework to streamline CRUD operations on SQL Server databases, enhancing data management efficiency.
* Successfully implemented the data access layer using Entity Framework, writing efficient queries with LINQ to Entity for data retrieval.
* Expertise in React.js to craft visually stunning and highly modular UI components, elevating the overall user experience and contributing to streamlined development workflows.
* Masterfully integrated React.js with .NET backend services through RESTful APIs, orchestrating a dynamic interplay between frontend and backend, resulting in real-time data updates and a responsive, cutting-edge application interface.
* Designed responsive and feature-rich user interfaces using HTML/5, CSS/3, and Bootstrap, ensuring optimal display on various mobile devices.
* Employed a diverse set of JavaScript and jQuery libraries, in combination with AJAX, for robust client-side validation and the integration of interactive features.
* Collaborated closely with business stakeholders to define project objectives, scope, and requirements, ensuring alignment with strategic business goals.

**Environment:** C#, .NET Framework, .NET Core 6 & above, HTML/5, React JS, JavaScript, AJAX, jQuery, Bootstrap, CSS/3, Microsoft Azure, Azure DevOps, Azure Data Factory, Azure Functions, Azure Service Bus, ASP.NET, ASP.NET Core, ASP.NET MVC, Java, Entity Framework, Kendo UI, Microsoft SQL Server, ORM, MVC Razor, T-SQL, JSON, XML, REST, REST APIs, SignalR, SQL, SQL Azure, Telerik, Telerik Reporting, Telerik Web Controls, TFS, Visual Studio, Web API

**Synechron Inc April’16 – June’17**

**Role:** Associate – Technology

**Project:** Qvidian and Claro Support

**Client:** Wells Fargo Company

**Description:** Qvidian and Claro are 2 separate projects built using two different technologies. The applications are built using Microsoft .Net and Cold Fusion + Java technologies respectively.

The Qvidian is a third-party product developed by Qvidian Inc. This is a sales team enablement application, enabling sales team members to create, manage and build the proposal documents effortlessly using the predefined LOB provided templates. The application also enables you to search for the stored proposal questions and answers and build the proposal documents. Claro is a content creation and management application. The application users generally trainers could create custom courses using the application which can be published on the learning center application for other users to undertake courses.

**Responsibilities:**

* Provided primary level support and collaborated with colleagues on two distinct projects, Qvidian and Claro, each employing different technologies.
* Acted as a pivotal point of contact for resolving application-related issues experienced by field users, delivering prompt and effective solutions.
* Currently, our team is actively engaged in guiding businesses through the strategic planning and execution of migrating the Claro application to the cloud.
* Spearheaded the technical aspects of cloud migration, liaising with vendor and Wells Fargo technical teams to ensure a seamless transition.
* Enhanced the existing 'QPA PACT Integration' application, enabling user certification for the Qvidian application in a cloud-hosted scenario. This endeavor required identifying a cost-effective and easily maintainable solution to meet the challenge effectively.

**Environment:** ASP.NET, C#, MS SQL 2008

**Infosys Technologies Ltd May’13 – Jul’14**

**Role:** Software Engineer (Test Engineer)

**Project:** Sparsh (internal application) Enhancement

**Responsibilities:**

* Designed and developed web forms using C# .NET, MVC, jQuery, HTML/5, .NET Framework.
* Used Master Pages, AJAX controls and CSS/3 Style sheets for a more striking look and feel.
* Created Web pages using HTML/5, ASP.NET and Java Scripts using AJAX coding techniques.
* Designed responsive and intuitive user interfaces for the web using CSS/3 and AJAX scripts and jQuery.
* Performed input validations on Web Forms using various .NET Validation Controls.
* Used JSON to transmit data between Server and Web Application.
* Developed databases using SQL Server, wrote complex SQL queries and stored procedures and modified existing packages, procedures, functions, and triggers to meet business needs.

**Environment:** ASP.NET, C# .NET, MVC, .NET Framework, MS SQL 2008, AJAX, jQuery, HTML/5, CSS/3

**Infosys Technologies Ltd Aug’12– May’13**

**Role:** Test Engineer

### Project: Legacy Modernization

**Client:** Gap Inc.

**Description:** Legacy modernization project involved in migration of Mainframe applications and data to UNIX environment with the help of unique re-hosting system Clerity. We migrated the data from Mainframe DB2 to DB2LUW on UNIX environment along with applications required by one of the large retail client of U.S, Gap Inc.

**Responsibilities:**

* Orchestrated the migration of mainframe applications and databases to the UNIX environment, employing the innovative Clerity re-hosting system for a global client's legacy modernization project.
* Swiftly provided solutions for application issues reported during production hours, ensuring uninterrupted business operations and customer satisfaction.
* Conducted in-depth analysis, leading to the development and implementation of novel enhancements and the strategic re-engineering of existing applications.
* Executed comprehensive data analysis, crafting intricate queries for the extraction and seamless migration of data from DB2 on mainframes to DB2LUW on UNIX.
* Skillfully fine-tuned SQL queries, significantly enhancing performance and decreasing job running times by over 75%, contributing to overall efficiency.

**Environment:** UNIX, DB2, SQL, COBOL, JCL, CICS