

Maheswari Thokala

.Net Full Stack Developer

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Professional Summary

- Full Stack Developer with 4+ years in designing and maintaining scalable web application and enterprise-grade solutions.
- Proficient in .NET frameworks, MVC, C#, ASP.NET, Web API and Node.js, Express.js, Typescript for building robust and reliable back-end systems.
- Skilled in front-end technologies, including React, Redux, Angular, jQuery, Next.js, Material UI and JavaScript, for creating seamless and responsive user interfaces.
- Strong database management skills across distributed storage systems like DB2, Oracle, Azure SQL, Cosmos DB, MongoDB including DML, DDL, and stored procedures.
- Proficient in storing and exchanging data using XML and JSON formats.
- Excellent problem-solving skills with a methodical approach to debugging and optimizing code.

Technical Skills

Programming Languages: C++, C#, Python, Java, JavaScript, Data Structures.

.NET Technologies: C#, .Net, VB.Net, ASP.Net, AP.Net MVC, ADO.Net, Web Services, LINQ, MVC, Blazor, Server WPF, WCF, MVVM, Entity framework, TFS, CQRS, EF Core, Dapper, SSMS, IIS, WinForms.

Web Technologies: HTML, CSS, Bootstrap, React.js, REST APIs, SOAP, Node.JS, Next.JS, Express.JS, Typescript.

Cloud Platforms & Databases: AWS, Azure, GCP, PostgreSQL, Oracle, DB2, MS SQL Server, MySQL, DynamoDB, MongoDB, Cassandra, Firebase, Terraform, PL/SQL and T/SQL.

Version Control: Git, GitHub, JIRA, git workflows

Data Visualization Tools: Tableau, Pandas, Excel, Matplotlib, Seaborn, NumPy.

Machine Learning: Regression, Decision Trees, Random Forest, KNN, Naive Bayes, SVM, Gradient Boosting, PCA.

Tools: Vscode, Postman, Swagger, Docker, Nunit, Jira, GraphQL, Jupyter Notebook, IntelliJ IDEA, Eclipse, Visual Studio, CLI.

Operating Systems & Experience Areas: Linux, Unix, Ubuntu, Agile Methodologies, Scrum, SDLC.

Experience

Texas Health and Human Services | Full Stack .Net Developer

Texas, USA

November 2023 - Present

- Worked in Agile Scrum methodology and delivered accepted functionality in each sprint and played a key role in feature implementation, enhancement, code refactoring, and defect fixing.
- Designed and developed a Hybrid-Single Page Application with .NET, C#, **AngularJS**, and **MVC**, improving application performance and user engagement by 20%.
- Consumed and created **RESTful APIs** for seamless data exchange, ensuring reliable communication and integration across applications.
- Utilized AJAX for seamless Web API communication, contributing to a more dynamic and interactive interface.
- Extensively used LINQ to SQL for extracting data from the database with Entity Framework, improving query performance and reducing data retrieval times by 30%.

- Developed the business layer with .NET MVC, implemented security features, and rendered documents in PDF. Integrated Apache Kafka into .NET applications to enable efficient message streaming and processing, ensuring reliable communication between microservices and real-time data flow across the system.
- Implemented secure user authentication using **JSON Web Tokens** (JWT) and optimized database operations with **Dapper ORM**.
- Enhanced code deployment efficiency and reduced deployment errors by 40% through **CI/CD pipelines** with **Jenkins**.
- Conducted thorough testing with Test-Driven Development (**TDD**), achieving 95% test coverage and reducing post-deployment issues.

Fidelity Investments | Full Stack .Net Developer

Westlake, Texas

January 2023 – October 2023

- Developed business-tier web applications using **ASP.NET Core** and C#, improving system efficiency by 40% and ensuring high availability with **Azure cloud** deployment, reducing downtime by 20%.
- Implemented front-end features using **Angular**, enhancing user experience by 30% through dynamic and responsive interfaces.
- Developed and optimized complex queries and stored procedures in **PostgreSQL** for transactional data and **MongoDB** for unstructured data, enhancing data retrieval efficiency and supporting application functionality.
- Built **RESTful APIs**, utilized **microservices**, and containerized applications with **Docker** and **Kubernetes**, improving scalability and deployment consistency.
- Implementation of **client-side** validations using **jQuery** and **.NET MVC** Validation, improving form submission accuracy by **10%**.
- Troubleshooted and resolved complex issues in distributed systems using **RabbitMQ** for message queuing and ensured secure communication protocols with **TCP/IP** and **HTTPS**.
- Conducted thorough comprehensive testing using **NUnit** and **xUnit** approach, significantly decreasing defects by 30%.
- Implemented continuous integration and continuous deployment (CI/CD) pipelines using **DevOps** collaboration tools, streamlining the deployment process and ensuring efficient delivery of updates.
- Built and tested **APIs** using **Postman** and implemented microservices with **TypeScript** and **NoSQL** databases enhancing application performance by 25%.

TCS | Software Engineer

Hyderabad, India

August 2021 – July 2022

- Architected and implemented backend web services using C#.NET, enhancing system performance by 30% and reducing response time by 20%.
- Developed controllers and action methods for user interaction logic using **C#.NET**.
- **Used ASP.NET** Forms Authentication and Role based **Authorization** to implement application security.
- Developed front-end components using **React** with Redux and **Typescript**, improving application robustness and state management.
- Managed databases using **Azure SQL** and **Cosmos DB**, optimizing data retrieval and storage operations.
- Integrated various third-party web controls to enhance application functionality and user experience.
- Utilized **SQL** for database management and optimization, reducing query times by 20% and improving data access efficiency.

- Used **SignalR** and **JavaScript** to manage real-time data and enhance real-time chat function for messaging section.
- Collaborated with clients to gather requirements and provide technical solutions, resulting in a 10% increase in project satisfaction.
- Conducted **unit testing** and debugging to ensure code quality, reducing post-deployment issues by 15%.

Cholamandalam MS General Insurance | Full Stack Developer

Mumbai, India

November 2019 – April 2021

- Involved in the full **SDLC**, including requirements gathering, analysis, design, code review, and development stages.
- Spearheaded the development and management of project plans leveraging C#, .NET Core, and **Entity Framework**, hosted on AWS Elastic Beanstalk, reducing deployment time by 30%.
- Created responsive and dynamic UI components using **HTML5**, **CSS3**, **JavaScript (ES6)** and react, improving website responsiveness and user engagement by 15%.
- Worked with **DB2** for database management and optimization, improving data retrieval efficiency by 20%.
- Participated in code reviews and team meetings to discuss project progress, fostering a collaborative development environment.
- Automated repetitive tasks using PowerShell scripts, reducing manual effort and increasing productivity by 15%. Used **LINQ** to **SQL** extensively for extracting **data** from the **database** using **Entity Framework**, Created **SSIS** Packages as per **ETL** Specification.
- Integrated **RESTful APIs** using **Axios** and Fetch for data retrieval and manipulation, deployed using **AWS API Gateway** and **Lambda**, improving API response times by 20%.
- Involved in designing **SSIS** packages to export data from flat file sources to **SQL Server**, **Utilized AWS S3** for storing and managing static assets and backups.
- Ensured application security and compliance by adhering to PCI guidelines and implementing **AWS IAM** and **KMS**, reducing security risks by 40%.
- Troubleshoot and resolved bugs reported by users, maintaining system stability and user satisfaction.
- Managed project tracking through **JIRA** and adopted Scrum practices for agile development, improving project delivery timelines by 20%.

Education

Master of Science in Computer Science

Texas Tech University, Lubbock, Texas

Bachelor of Technology (B.Tech) in Information Technology

RVR & JC College of Engineering, India

Certifications

- AWS Certified Cloud Practitioner (CLF-C02)
- Microsoft Certified: Azure Data Fundamentals (DP-900)