

# Raghava M

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## Professional Summary

- Senior Full Stack Developer with 6 years of experience building scalable enterprise applications using C#, .NET Core, ASP.NET Web API, Angular, React, Azure, and AWS.
- Strong hands-on experience in developing scalable backend services using Node.js and Express.js, building RESTful APIs and microservices for high-availability enterprise applications.
- Implemented asynchronous, non-blocking architectures in Node.js leveraging event loop mechanisms, middleware pipelines, and message brokers (Kafka, RabbitMQ) to support real-time and distributed systems.
- Implemented real-time and event-driven architectures with Node.js, integrating technologies like WebSockets, Apache Kafka, and RabbitMQ for asynchronous communication.
- Developed full-stack applications using Node.js with modern front-end frameworks like Angular and React, ensuring secure API integration, authentication, and optimized performance.
- Designed and developed RESTful ASP.NET Web APIs and SOAP services, microservices, and Azure Functions, following OpenAPI and AsyncAPI standards.
- Proficient in SQL and NoSQL databases, including SQL Server, Oracle, MySQL, MongoDB, and Redis, with strong data modeling and performance optimization skills.
- Developed modern Single Page Applications (SPAs) using Angular and React, integrating them with secure backend Web API services.
- Hands-on experience with Docker, Kubernetes, CI/CD pipelines, and cloud monitoring on Azure and AWS.
- Implemented GraphQL APIs, real-time communication, and secure authentication and authorization using OAuth2, JWT, and role-based access control.

## Technical Skills :

Languages: C#, C, C++, Java, T-SQL, PL/SQL

Backend: .NET Core, ASP.NET Web API, MVC, Nodejs, Entity Framework, Dapper

Frontend: Angular, React, JavaScript, TypeScript, HTML5, CSS3

Cloud: Azure, AWS (Lambda, S3, RDS)

Architecture: Microservices, REST, GraphQL, Event-Driven Systems

Messaging: Kafka, RabbitMQ, Azure Service Bus, SQS/SNS

DevOps: Docker, Kubernetes, Azure DevOps, Jenkins

Databases: SQL Server, Oracle, MySQL, MongoDB, Redis

Tools: Git, Azure DevOps, Postman, Swagger, Jira, Splunk, Kibana

**Client: Pilgrim Bank, Richardson, Tx**

**Aug 2024– Present**

**Role: Sr. Full Stack Developer**

### Responsibilities:

- Designed and delivered secure, scalable banking applications using C#, .NET Core, ASP.NET Core Web APIs, and Node.js, deployed on Microsoft Azure, following Agile/Scrum delivery models.
- Architected and maintained RESTful APIs using ASP.NET Core and Node.js (Express.js), along with Entity Framework Core, Dapper, and Fluent Validation, enabling seamless integration with internal and third-party banking systems.
- Implemented event-driven microservices architectures using Apache Kafka (producers,

- consumers, topics), RabbitMQ, and Azure messaging services, supporting real-time dashboards.
- Developed modern React-based Single Page Applications (SPAs) using reusable components, hooks, and structured state management (Redux/Context API) for predictable data flow and improved scalability.
  - Integrated React SPAs with .NET Core and Node.js Web APIs, secured via JWT-based authentication, hosted on Azure, and backed by MongoDB and Azure SQL.
  - Designed and implemented authentication and authorization workflows using OAuth2, OpenID Connect (OIDC), SAML, and JWT, ensuring secure access across enterprise banking platforms.
  - Designed and optimized data access layers using Entity Framework Core, Dapper, ADO.NET, and LINQ, improving application performance, scalability, and data integrity on Azure-hosted databases.
  - Leveraged Azure services and AWS Lambda for serverless and event-driven processing, improving scalability, resiliency, and cost efficiency.
  - Developed and optimized T-SQL stored procedures, complex queries, and triggers to support high-volume, high-throughput banking transactions.
  - Implemented automated unit and integration testing using NUnit and Jest, enforcing best practices for code quality, maintainability, and CI/CD readiness using Azure DevOps pipelines.
  - Provided production support, performed root-cause analysis, resolved critical defects, and delivered enhancements in compliance with banking regulatory, security, and EDI standards.

**Environment:**

C#, .NET Core, ASP.NET Web API, React, Nodejs, Entity Framework, Apache Kafka, Azure, AWS Lambda, SQL Server, MongoDB, Dapper, JWT, OAuth2, SAML, NUnit, T-SQL, Git, TFS

**Client: Christus Health, Irving, TX**

**Aug 2023 – July 2024**

**Role: Full Stack Developer**

**Responsibilities:**

- Developed and maintained enterprise web applications in the healthcare and retail domains using C#, .NET, Node.js, Entity Framework, and ASP.NET Web APIs, deployed and hosted on Microsoft Azure.
- Designed and developed high-performance Node.js (Express.js) microservices handling secure banking transactions, implementing middleware, request validation, error handling, and optimized API response management.
- Architected and deployed Node.js (Express.js) microservices integrated with Kafka and Azure messaging services, enabling secure, event-driven processing for real-time banking workflows.
- Built responsive and interactive user interfaces using React, JavaScript (ES6+), and AJAX, improving usability, performance, and overall application responsiveness.
- Designed and implemented data access layers using Entity Framework, ADO.NET, and Node.js database integrations, interacting with SQL Server databases hosted on Azure.
- Integrated external systems using SOAP/XML Web Services and REST APIs, enabling secure data exchange and interoperability across healthcare and retail platforms.
- Developed and optimized T-SQL queries, stored procedures, and views to support reporting.
- Implemented client-side validations and asynchronous API interactions using React hooks, JavaScript, and Axios/Fetch, enhancing user experience and application performance.
- Leveraged Azure services for application hosting, configuration management, and monitoring to ensure scalability, reliability, and high availability.
- Ensured data security and regulatory compliance by implementing role-based access control

(RBAC), encryption practices, OAuth2/JWT authentication, and audit mechanisms aligned with healthcare and retail compliance standards.

**Environment:** C#, .NET Core, React/Redux, Nodejs, Entity Framework, ASP.NET MVC, Web API, JavaScript, SQL Server, MongoDB, Azure, Dapper, Azure Functions, NUnit, T-SQL, Git

**Client : Aldi.com, Frisco,TX**

**Jan 2023 – Aug 2023**

**Role: .NET Developer**

**Responsibilities:**

- Assisted in the development and support of web applications across frontend (HTML, CSS, JavaScript, Angular) and backend (C#, ASP.NET, Node.js) components.
- Developed RESTful and CRUD APIs using ASP.NET and Node.js (Express.js), supporting application functionality and data operations.
- Contributed to full-stack feature development for internal and client-facing applications, working on Angular UI components and backend business logic.
- Built and enhanced interactive user interfaces using Angular, improving responsiveness, modularity, and overall user experience.
- Assisted in creating and validating automated server build scripts and CI/CD deployment processes, including deployments to AWS cloud environments.
- Wrote and optimized SQL queries and stored procedures to support reporting, analytics, and operational data needs.
- Supported blockchain-based web applications using Hyperledger Fabric, contributing to application reliability and performance improvements.

**Environment:** C#. Net, ASP. Net, Angular, JQuery, WCF, SQL Server, SSRS, SSIS, Crystal Reports, Visual Studio and Team Foundation Server, IIS, Dynamics CRM

**Client : Oremda Info Tech INC, Hyderabad,**

**Jan 2019-Nov 2021**

**Role: .NET Developer**

**Responsibilities:**

- Designed and delivered full-stack web applications using C#, ASP.NET MVC, .NET Core, Entity Framework, and Dapper, ensuring performance, scalability, and maintainability.
- Developed RESTful APIs to enable reliable and secure communication between frontend and backend components.
- Built responsive user interfaces using Angular, JavaScript, jQuery, HTML5, and CSS3, improving usability and overall user experience.
- Leveraged ADO.NET and LINQ to design efficient data access layers .
- Developed and optimized T-SQL queries, stored procedures, and triggers to ensure data integrity and application performance.
- Utilized AWS services for application hosting, serverless processing, and cloud-based integrations, improving scalability and reducing infrastructure overhead.
- Implemented unit testing using NUnit and followed best practices for code quality, testing, and continuous integration.
- Generated operational and analytical reports using SSRS to support business insights and decision-making.

**Environment:** ASP.NET, C#, WPF, JavaScript, AJAX, SOAP/XML Web Services, ADO.NET, SQL Server, T-SQL, Visual Studio, jQuery, HTML5, CSS3

**Education :**

Master's in Computer & Information Science, 2023