UJWAL KUMAR GOTTIMUKKULA
FULL STACK .NET DEVELOPER

(203) -675-3714|ujwalgottimukkula@gmail.com | New Haven, CT 06515, USA| LinkedIn

SUMMARY

- Experienced full-stack developer with 4 years of expertise in designing and delivering scalable web applications using .NET Core, ReactJS, and Azure cloud platforms.
- Skilled in developing backend APIs, creating responsive front-end interfaces, and managing data with SQL Server and Entity Framework. Proven ability to collaborate effectively within Agile teams, ensuring robust, secure, and high-performance software solutions.
- Experienced in crafting responsive front-end applications with React.js, Angular, and TypeScript, and integrating back-end services through Entity Framework, SQL Server, and RESTful APIs for efficient data flow and user interaction.
- Strong problem solver with hands-on experience in API integration, real-time data visualization, and automation of business workflows.
- Proven expertise in cloud-based development using Azure and AWS, utilizing CI/CD pipelines, Docker, and Kubernetes to enhance deployment efficiency and streamline operational workflows.
- Expert in microservices and DevOps practices, improving system performance and scalability while integrating emerging technologies to address changing business needs.

SKILLS

Programming Languages: C#, JavaScript(ES6+), TypeScript, Java, Python, Algorithms, SQL(T-SQL, PL/SQL)
Backend Frameworks: .NET Core, ASP.NET MVC, Web API, Entity Framework, Spring Boot
Frontend Technologies: ReactJS, Razor Pages, Bootstrap, jQuery, CSS, XML, React, HTML, AJAX
Databases & ORM: SQL Server, Snowflake, Entity Framework Core, MySQL, PostgreSQL, MongoDB
Cloud Platforms: Microsoft Azure (App Services, AKS, Blob Storage, Azure Functions, Azure Devops), AWS(Lambda, S3, EC2), CI/CD Pipelines, Docker, Kubernetes, Jenkins.
APIs & Integration: RESTful APIs, SignalR, Third-party API integration
Reporting & Visualization: SSRS (SQL Server Reporting Services), Custom Dashboards, Real-time Data Visualization
Development Tools & Practices: Git, Agile Methodology, LINQ, Unit Testing, CI/CD pipelines
Web Services: RESTful APIs, SOAP, GraphQL, gRPC
Tools & Platforms: Visual Studio, IntelliJ IDEA, Postman, Swagger, PowerBI, SSRS, SSIS
Version Control: Git, GitHub, SVN, Bitbucket.
Software Development Methodologies: Agile (Scrum, Kanban), Waterfall, SDLC.

EXPERIENCE

Full Stack Developer   **Jul 2024 – Present**
State Street, USA

- Engineered robust RESTful APIs using .NET Core to handle complex investment data processing and trade workflow management, ensuring seamless integration with internal and external systems.
- Developed dynamic, responsive user interfaces with React to visualize real-time stock prices, portfolio analytics, and trade statuses, enhancing user experience and decision-making.
- Deployed and managed cloud-hosted applications on Azure, leveraging services like App Services and Kubernetes to ensure high availability, scalability, and secure data storage.
- Designed and optimized over 100 complex SQL queries in Snowflake to efficiently store, retrieve, and analyze more than 10 million rows of structured investment and trading data, accelerating data processing by 40% and enabling faster, data-driven decision-making.
- Developed dynamic and responsive user interfaces using React.js, Redux, and Bootstrap, leading to a 25% improvement in user engagement and application usability.
- Collaborated with 3+ cross-functional teams to deliver 4 customizable dashboards, integrating real-time notifications and alerts that reduced trade discrepancy resolution time by 30%
- Implemented stringent security and compliance controls within platforms to safeguard sensitive financial data, adhering to regulatory standards and maintaining audit trails.

Software Engineer   **July 2020 to Jun 2023**
Client: Ernst & Young
Hexaware Technologies, India

- APIs using ASP.NET Core and MVC to automate payroll processing, tax calculations, and ticket management workflows, ensuring robust backend services for multiple user roles.
- Designed and optimized Entity Framework Core data models and LINQ queries to interact with SQL Server databases, enabling efficient CRUD operations and complex reporting for payroll and customer tickets.
- Designed and implemented responsive front-end interfaces using Razor Pages, Bootstrap, and ReactJS, improving user efficiency by 35%.
- Worked with Kafka to develop real-time data streaming solutions, reducing message delivery delays by 40%.

- Engineered real-time communication features with SignalR, delivering live notifications for ticket updates and SLA alerts, significantly improving customer service responsiveness.
- Automated payslip generation, tax deductions, and compliance report creation with SSRS, ensuring accuracy and timely submission of statutory documents to regulatory authorities.
- Conducted code reviews to identify potential issues and enforce best practices, leading to a 15% increase in code quality and maintainability across multiple projects.
- Collaborated with cross-functional teams to analyse requirements, troubleshoot issues, and continuously enhance system performance and security in alignment with organizational goals.

EDUCATION

Master in Computer Science and Information Technology   **Sep 2023 – Dec 2024**
Sacred Heart University, Connecticut, USA

Bachelor in Electronics and Communication Engineering   **Aug 2017 – July 2021**
Institute of Aeronautical Engineering, Hyderabad, India

CERTIFICATIONS

- **Udemy** – Full Stack Web Development with C# OOP, MS SQL & ASP.NET MVC
- **Coursera** – Python for Everybody
- **Coursera** – Machine Learning with Python
- **Coursera** – Machine Learning with Python Fundamentals

PROJECT

Training Course CMS | ASP.NET MVC (LINK)
- Designed and implemented a full-stack training portal with dynamic course display (breaking/popular), role-based access, and admin dashboard.
- Built 15+ CRUD operations for automated course, user, and category management, reducing manual effort by 40%.
- Integrated SQL Server-based real-time analytics to monitor views and comments on each course page.

EY GlobalOne Portals | ASP.NET MVC | SQL Server | Web Forms
- Simulated support for global tax compliance portals processing 10K+ user documents monthly using ASP.NET MVC and Web Forms.
- Optimized SQL Server queries by 40% and developed multilingual APIs for tax workflows in over 50 countries.
- Deployed and maintained builds via Azure DevOps CI/CD pipeline to ensure smooth code integration and delivery.

Credit Scoring with Social Media | Python ML
- Developed a Random Forest ML model to analyze social media patterns and predict credit risk, improving accuracy by 25%.
- Designed and automated ETL pipelines along with image and text processing scripts for unstructured data ingestion.
- Implemented a microservices architecture to reduce data processing time by 40% and improve model scalability.