Roshan Joshi

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SUMMARY

Junior Software Engineer with experience in C# and .NET Core, specializing in building scalable web applications and RESTful APIs. Proficient in Entity Framework Core and SQL, applying object-oriented principles to optimize performance and database queries. Delivered an incident management system and multiple dynamic web apps that improved user experience. Strong collaboration skills and eager to expand expertise in API development and data integration.

EDUCATION

Avila University | *Master of Computer Science*   **2025**

University of Wolverhampton (UK) | *Bachelor of Science, Computer Science*   **2018 - 2021**

SKILLS

- **Technical Skills:** C#, ASP .Net Core, Entity Framework Core, HTML, CSS, JavaScript, JQuery, SQL, GIT, GitHub, MVC, .NET Core API, LINQ, Bootstrap, Python, Pandas, pyspark, ADF, Azure Data Bricks, Azure Synapse, Object-Oriented Programming, Web Development
- **Soft Skills:** Collaboration, Teamwork, Attention to Detail, Adaptability, Communication Skill

EXPERIENCE

Microcode Technologies | *Junior Developer*   **Oct 2022 - Jul 2024**

- Crafted custom HTML templates and integrated them into the .NET Core MVC architecture using Git, enhancing web development workflows and delivering a smooth, responsive user interface
- Demonstrated strong proficiency in object-oriented programming principles and integrated Entity Framework Core to optimize database performance through efficient SQL queries for comprehensive reporting
- Adapted quickly to changing requirements in an Agile team, using C# and ASP.NET Core to deliver highquality solutions on schedule, which reduced rework and kept the project on track
- Designed and developed more than three dynamic web applications with ASP.NET Core MVC, implementing scalable RESTful APIs and GraphQL resolvers to improve data fetch flexibility and user experience
- Led development of an Incident Management System for IXsight using ASP.NET Core, building an n-tier architecture with over 20 features, integrating real-time product updates through Kafka consumers, and creating dynamic reports and charts that met user requirements and operated efficiently

Dish Media Network | *Application Support Assistant*   **Feb 2021 - Oct 2022**

- Conducted automated functional testing of internal web applications using Selenium and JavaScript (Bootstrap, jQuery) to verify business logic, which reduced critical bugs and improved system reliability
- Developed tailored SQL queries to generate detailed reports, meeting the unique data requirements of various departments and optimizing decision-making processes.
- Led high-level meetings with 5+ department heads to gather critical business requirements, ensuring a deep understanding of system issues and driving effective solutions.
- Served as both an admin and project manager, overseeing business requirement gathering, generating custom reports, managing user creation, and ensuring smooth system operations from end to end.

PROJECTS

AML Sanction Screening

- Created frontend design for API using HTML, CSS, JavaScript, JQuery and Bootstrap.
- Also created Authentication and Authorization and implemented SigmaJS for node-to-node connection and data Visualization.

Restaurant Management System

- Engineered robust 10+ APIs for a restaurant application using a 3-tier architecture, incorporating JWT Token Authentication and Authorization for secure logins.
- Enhanced security with DNT Captcha and ensured seamless cross-origin interactions by implementing CORS.

CERTIFICATIONS

- **Professional ASP.NET Core Training (113 hrs.):**https://verify.broadwayinfosys.com/certificate-verification-code/eyJpdiI6ImloZ2Mvb0FCT2c3bEFFa3B2NVNlRnc9PSIs-InZhbHVlIjoiTS96WUY0dXlIdXkEQkJzbk5UK2JFUT09IiwibWFjIjoiMzI1YmZkNDcwMDQ1MjYzZWIyYTkzNmE4MDY-wMDIzZDZmODMzNDZhZDYxNzNiN2E3ZmM3YjVmNzk4OTAzZGMzNyIsInRhZyI6IiJ9
- **Scrum Master Certification: Scrum Methodologies:**https://www.coursera.org/account/accomplishments/verify/RX4984X7WGWB