Roshan Joshi

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SUMMARY

Software Engineer with strong C# and .NET Core expertise and over two years of experience designing, developing, and troubleshooting scalable solutions. Delivered multiple ASP.NET Core MVC web applications and RESTful APIs, including an incident management system, while optimizing SQL database performance. Experienced in Agile environments, collaborating across teams to ensure secure, high-quality code throughout the SDLC.

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, React.js, Software Development Life Cycle, Agile Methodologies, Technical Troubleshooting, System Design, Application Development, Operational Stability, Cloud Technologies, Modern Front-end Technologies
- **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 GitHub, leveraging modern front-end technologies including React.js to deliver a smooth, responsive user interface
- Demonstrated strong proficiency in Object-Oriented Programming and system design principles, applying them to streamline code structure and enhance database performance by designing efficient SQL queries for comprehensive reporting
- Adapted quickly to changing requirements in an Agile team, using C# and ASP.NET Core throughout the software development life cycle to deliver high-quality 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, creating scalable RESTful APIs that improved functionality and user experience
- Led development of an Incident Management System for IXsight with ASP.NET Core, building an n-tier architecture with over 20 features, incorporating operational stability practices, and creating dynamic reports and charts for both backend and frontend, resulting in a system 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 hosted on Azure 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-InZhbHVlIjoiTS96WUY0dXlIdXlEQkJzbk5UK2JFUT09IiwibWFjIjoiMzI1YmZkNDcwMDQ1MjYzZWIyYTkzNmE4MDY-wMDIzZDZmODMzNDZhZDYxNzNiN2E3ZmM3YjVmNzk4OTAzZGMzNyIsInRhZyI6IiJ9
- **Scrum Master Certification: Scrum Methodologies:**https://www.coursera.org/account/accomplishments/verify/RX4984X7WGWB