Roshan Joshi

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SUMMARY

Software Engineer II with 4 years of experience in C# and .NET Core, building scalable web applications and RESTful APIs within Agile teams. Demonstrated strength in object-oriented design, optimizing SQL database performance and integrating responsive front-end interfaces. Proven track record delivering high-quality solutions like a custom Incident Management System and multiple dynamic web apps, with growing expertise in modern cloud engineering practices.

EDUCATION

Avila University | *Master of Computer Science* **Aug 2024 - Dec 2025**

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

SKILLS

- **Programming Languages:** C#, Java, Python, JavaScript
- **Frameworks & Libraries:** ASP .Net Core, Entity Framework Core, MVC, .NET Core API, JQuery, Bootstrap, Pandas, pyspark
- **Cloud & DevOps:** Cloud Technologies, Azure Data Bricks, Azure Synapse, ADF, Azure DevOps, GIT, GitHub
- **Methodologies & Concepts:** Agile Methodologies, Object-oriented Programming, Data Structures, Software Design Patterns
- **Soft Skills:** Collaboration, Teamwork, Attention to Detail, Adaptability, Communication Skill

EXPERIENCE

Microcode Technologies | *Dotnet Developer* **Feb 2021 - 2024**

- Crafted custom HTML templates and integrated them into the .NET Core MVC architecture using Azure DevOps and GitHub, improving front-end functionality and delivering a smooth, responsive user interface
- Demonstrated strong proficiency in object-oriented programming principles and software design patterns, applying them to streamline code structure, and enhanced 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 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, creating scalable RESTful APIs and deploying them to Azure cloud environments to improve functionality and user experience
- Led development of an Incident Management System for IXsight with ASP.NET Core, building an ntier architecture with over 20 features 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* **2020 - Feb 2021**

- Conducted automated functional testing of internal web applications using Selenium with Java 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-wMDIzZDZmODMzNDZhZDYxNzNiN2E3ZmM3YjVmNzk4OTAzZGGMzNyIsInRhZyI6IiJ9
- **Scrum Master Certification: Scrum Methodologies:**https://www.coursera.org/account/accomplishments/verify/RX4984X7WGWB