

Roshan Joshi

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SUMMARY

Software engineer with 3 years of experience developing scalable web applications using C#, ASP.NET Core MVC and JavaScript. Skilled in designing RESTful APIs, optimizing SQL queries and integrating responsive front-end templates within Agile teams. Delivered an Incident Management System and multiple dynamic web apps that improved functionality and user experience.

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 & Frameworks:** C#, Python, JavaScript, ASP .Net Core, .NET Core API, Entity Framework Core, Pandas, pyspark, jQuery, Bootstrap
- **Web & Data Technologies:** HTML, CSS, MVC, LINQ, RESTful Web Services, SQL, Relational, NoSQL Databases
- **DevOps & Cloud Platforms:** GIT, GitHub, Azure Data Bricks, Azure Synapse, ADF
- **Methodologies & Practices:** Agile Environment, Security Best Practices
- **Soft Skills:** Collaboration, Teamwork, Attention to Detail, Adaptability, Communication Skill, Analytical Skills

EXPERIENCE

Microcode Technologies | *Dotnet Developer*

Feb 2021 - 2024

- Crafted custom HTML templates and integrated them into the .NET Core MVC architecture using GitHub, improving frontend functionality and delivering a smooth, responsive user interface
- Demonstrated strong proficiency in object-oriented programming principles, applying them to streamline code structure and leveraging analytical skills to optimize relational database performance with 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 integrating with NoSQL databases to broaden data accessibility and improve user experience.
- Led development of an Incident Management System for IXsight with ASP.NET Core, building an n-tier architecture with over 20 features, creating dynamic reports and charts for both backend and frontend, and implementing security best practices to ensure efficient and secure operations.

Dish Media Network | *Application Support Assistant*

2020 - Feb 2021

- Conducted automated functional testing of internal web applications using Selenium and JavaScript (Bootstrap, jQuery), applying analytical skills to identify and resolve complex defects, which reduced critical bugs and improved system reliability.
- Developed tailored SQL queries for relational databases 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/eyJpdil6ImloZ2Mvb0FCT2c3bEFFa3B2NVNIRnc9PSIsInZhbHVlIjoTS96WUY0dXlldXlEQkZjbk5UK2JfUT09IiwibWFjIjoIMzI1YmZkNDcwMDQ1MjYzZWlyYTtkZnME4MDY-wMDIzZDZmODMzNDZhdDYxNzNiN2E3ZmM3YjVmNzk4OTAzZGMzNyIsInRhZyI6Ij9>
- **Scrum Master Certification: Scrum Methodologies:** <https://www.coursera.org/account/accomplishments/verify/RX4984X7WGWB>