

Roshan Joshi

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SUMMARY

Software Engineer with over two years delivering scalable web applications using C#, ASP.NET Core, MVC and RESTful APIs. Applied object-oriented design to streamline code and optimize SQL queries, and built an Incident Management System that enhanced system reliability and user experience. Experienced in JavaScript, jQuery and database design, seeking to contribute to full lifecycle development and application architecture.

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, Web Applications, Object-oriented Design
- **Soft Skills:** Collaboration, Teamwork, Attention to Detail, Adaptability, Communication Skill, Learning New Technologies, Customer Service Orientation

EXPERIENCE

Microcode Technologies | *Junior Developer*

Oct 2022 - Jul 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
- Applied object-oriented design principles 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 by learning new technologies, using C# and ASP.NET Core to deliver high-quality solutions on schedule, reducing rework and keeping projects 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 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 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.
- Analyzed user needs and software requirements by leading meetings with 5+ department heads, ensuring feasible design solutions within time and cost constraints.
- Served as both an admin and project manager, leveraging a customer service orientation to oversee business requirement gathering, generate custom reports, manage user creation, and ensure smooth system operations 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/eyJpdjI6ImloZ2Mvb0FCT2c3bEFFa3B2NVNIRnc9PSIsInZhbHVlIjoiTTS96WUY0dXlIdXlEQkJzbk5UK2JFUT09IiwibWFjIjoIYmZkNDcwMDQ1MjYzZWlyYTktNmE4MDY-wMDIzZDZmODMzNDZhZDYxNzNiN2E3ZmM3YjVmNzk4OTAzZGMzNyIsInRhZyI6Ij9>
- **Scrum Master Certification: Scrum Methodologies:** <https://www.coursera.org/account/accomplishments/verify/RX4984X7WGWB>