

Roshan Joshi

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SUMMARY

Software Engineer with 4 years of experience in C# and .NET Core, specializing in backend development, RESTful APIs, and object-oriented design. Proven ability to collaborate in agile, cross-functional teams, rapidly adapt to evolving requirements, and deliver scalable, high-performance solutions. Eager to apply strong problem-solving skills and a passion for learning new technologies in system software engineering.

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

- **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, Java, Object Oriented Design, Data Structures, Algorithms, Image Processing, Machine Control
- **Soft Skills:** Collaboration, Teamwork, Attention to Detail, Adaptability, Communication Skill, Learning New 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 design and data structures, applying algorithms to streamline code structure and designing efficient SQL queries for comprehensive reporting.
- Adapted quickly to changing requirements in an Agile team, learning new skills with C# and ASP.NET Core to deliver high-quality solutions on schedule, reducing rework and keeping 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 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, reducing critical bugs and improving 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 cross-functional meetings with 5+ department heads to gather critical business requirements, ensuring deep understanding of system issues and driving effective, well-communicated 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/eyJpdil6ImloZ2Mvb0FCT2c3bEFFa3B2NVNIRnc9PSIsInZhbnVlIjoITs96WUY0dXlIdXlEQkIzbnk5Uk2JFUT09IiwibWFjIjoIMzI1YmZkNDcwMDQ1MjYzZWYlYTkzNmE4MDY-wMDIzZDZmODMzNDZhdDYxNzNiN2E3ZmM3YjVmNzk4OTAzZGMzNyIsInRhZyI6Ij9>
- **Scrum Master Certification: Scrum Methodologies:** <https://www.coursera.org/account/accomplishments/verify/RX4984X7WGWB>