

# Roshan Joshi

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## SUMMARY

Dotnet Developer with over three years of experience building scalable web applications using C#, ASP.NET Core MVC, and RESTful APIs. Proven track record delivering solutions such as an Incident Management System that improved performance and usability. Strong foundation in OOP principles, efficient SQL query design, and Agile collaboration with cross-functional teams. Skilled in front-end technologies (HTML, CSS, JavaScript) and Git version control, seeking to enhance structural engineering software tools.

## 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, MongoDB
- **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 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, enhanced database performance by designing efficient SQL queries for comprehensive reporting, and integrated MongoDB for flexible data storage solutions.
- 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 using Entity Framework Core, 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, utilizing .NET Core API and LINQ for data operations, 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 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/eyJpdil6ImloZ2Mvb0FCT2c3bEFFa3B2NVNIRnc9PSIs-InZhbnVHljoITs96WUY0dXlIdXlEQkZjbk5UK2JfUT09IiwibWFjIjoIMzI1YmZkNDcwMDQ1MjYzZWlyYTtzNmE4MDY-wMDIzZDZmODMzNDZhZDYxNzNiN2E3ZmM3YjVmNzk4OTAzZGMzNyIsInRhZyI6Ij9>
- **Scrum Master Certification: Scrum Methodologies:** <https://www.coursera.org/account/accomplishments/verify/RX4984X7WGWB>