

# Roshan Joshi

Irving Texas | +1(913) 238-5794 | [roshanjoshi1745@gmail.com](mailto:roshanjoshi1745@gmail.com)

## SUMMARY

Junior Developer with two years of experience in C#, .NET Core, and ASP.NET Core, building scalable web applications and RESTful APIs. Expertise in data access using Entity Framework Core and optimized SQL queries for high-performance data retrieval. Developed an Incident Management System with n-tier architecture and led creation of multiple dynamic applications, improving functionality and user experience.

## EDUCATION

### Avila University

Master of Computer Science

2025

### University of Wolverhampton (UK)

Bachelor of Science, Computer Science

2018 - 2021

## SKILLS

- **Programming Languages:** C#, Python, JavaScript
- **Frameworks & Libraries:** ASP .Net Core, Entity Framework Core, Bootstrap, JQuery, LINQ, Pandas, pyspark
- **Web & API Technologies:** MVC, .NET Core API, ASP.NET Web API, RESTful Web API, HTML, CSS
- **Data & Databases:** SQL, Azure Data Bricks, Azure Synapse, ADF
- **Testing & QA:** Unit Testing, Integration Testing
- **Version Control & Collaboration:** GIT, GitHub, Collaboration Tools
- **Soft Skills:** Collaboration, Teamwork, Attention to Detail, Adaptability, Communication Skill, Agile Development

## EXPERIENCE

### Microcode Technologies

Junior Developer

Oct 2022 - Jul 2024

Bagmati, KTM

- 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 (OOP) principles, 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 development environment, leveraging collaboration tools to deliver high-quality 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 Web 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, operated efficiently, and included unit testing coverage for maintainability

### Dish Media Network

Application Support Assistant

Feb 2021 - Oct 2022

Lalitpur, KTM

- Conducted automated functional and integration 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 using collaboration tools

## 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/eyJpdil6ImloZ2Mvb0FCT2c3bEFFa3B2NVNlRnc9PSIsInZhbHVlIjoiTS96WUY0dXlldXlEQUk2JFUT09IiwibWFjIjoiaWZlIYmZkNDcwMDQ1MjYzZWlyYTtzNmE4MDYwMDIzZDZmOD-MzNDZhZDYxNzNiN2E3ZmM3YjVmNzk4OTAzZGMzNyIsInRhZyI6Ij9>
- **Scrum Master Certification: Scrum Methodologies:** <https://www.coursera.org/account/accomplishments/verify/RX4984X7WGWB>