

Roshan Joshi

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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 <i>Master of Computer Science</i>	2025
University of Wolverhampton (UK) <i>Bachelor of Science, Computer Science</i>	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 <i>Junior Developer</i>	Oct 2022 - Jul 2024 <i>Bagmati, KTM</i>
• 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 <i>Application Support Assistant</i>	Feb 2021 - Oct 2022 <i>Lalitpur, KTM</i>
• 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/eyJpdI6ImloZ2Mvb0FCT2c3bEFFa3B2NVNlRnc9PSIsInZhbHVl-jojTS96WUY0dXIdXIEQkJzbk5UK2JFUT09IiwibWFjIjoiMzI1YmZkNDcwMDQ1MjYzZWlyYTkzNmE4MDYwMDIzZDZmOD-MzNDZhZDYxNzNiN2E3ZmM3YjVmNzk4OTAzZGMzNyIsInRhZy16IiJ9 • Scrum Master Certification: Scrum Methodologies: https://www.coursera.org/account/accomplishments/verify/RX4984X7WGWB	