

Roshan Joshi

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SUMMARY

Junior .NET Web Developer with nearly two years of experience building scalable web applications and RESTful APIs using C#, ASP.NET Core MVC, and Entity Framework Core. Skilled in translating business requirements into technical specifications, optimizing performance with efficient SQL queries, and crafting responsive interfaces with JavaScript and jQuery. Proven ability to adapt quickly in Agile teams and deliver high-quality solutions on schedule.

EDUCATION

Avila University

Master of Computer Science

2025

University of Wolverhampton (UK)

Bachelor of Science, Computer Science

2018 - 2021

SKILLS

- **Programming & Frameworks:** C#, Python, ASP .Net Core, Entity Framework Core, .NET Core API, LINQ, Bootstrap, Pandas, pyspark
- **Web & API Development:** HTML, CSS, JavaScript, JQuery, Web/API Development
- **Data & DevOps Tools:** SQL, Relational Database Knowledge, Azure Synapse, Azure Data Bricks, ADF, GIT, GitHub, Microsoft IIS, Microsoft Team Foundation Server
- **Soft Skills & Methodologies:** Collaboration, Teamwork, Attention to Detail, Adaptability, Communication Skill, Flexible, Open To Change, Agile Methodologies, Analytical Skills

EXPERIENCE

Microcode Technologies

Oct 2022 - Jul 2024

Junior Developer

Bagmati, KTM

- Crafted custom HTML templates and integrated them into the .NET Core MVC architecture using GitHub and Microsoft Team Foundation Server, improving front-end functionality and delivering a smooth, responsive user interface
- Demonstrated analytical skills and strong proficiency in Object-Oriented Programming (OOP) principles to streamline code structure and enhance database performance by designing efficient SQL queries leveraging relational database knowledge for comprehensive reporting.
- 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 using ASP.NET Core MVC, leveraging web/api development best practices to create 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

Feb 2021 - Oct 2022

Application Support Assistant

Lalitpur, KTM

- Conducted automated functional testing of internal web applications using Selenium and JavaScript (Bootstrap, jQuery) to verify business logic, provided post-implementation support by monitoring application performance and debugging existing code, 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, utilizing communication skill to ensure a deep understanding of system issues and drive 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/eyJpdiI6ImloZ2Mvb0FCT2c3bEFFa3B2NVNIRnc9PSIsInZhHVII-joISt96WUY0dXIlDXIEQkJzbk5UK2JFUT09IiwibWFjIjoiMzI1YmZkNDewMDQ1MjYzZWlyYTkzNmE4MDYwMDIzZDZmOD-MzNDZhZDYxNzNiN2E3ZmM3YjVmNzk4OTAzZGMzNylsInRhZyI6IiJ9>

Scrum Master Certification: Scrum Methodologies:

<https://www.coursera.org/account/accomplishments/verify/RX4984X7WGWB>