

MUNALI SHAKYA

SOFTWARE ENGINEER

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ABOUT

Backend-focused Software Engineer with experience building cloud-native applications using C# and ASP.NET Core. Hands-on with AWS, Infrastructure as Code (Terraform/OpenTofu), CI/CD pipelines, Temporal workflows, and AI integrations using OpenAI SDK.

EDUCATION

Bachelor of Science in Computer Science and Information Technology

2021-2025

St. Xavier's College, Maitighar

Awards and Recognition : Fr.Marshall D.Moran, S.J Memorial Award for Excellence in Academics

TECHNICAL SKILL

- Languages & Frameworks: ASP.NET, C#, SQL,Java ,Entity Framework , Python
- Databases: MySQL, SQL Server, MongoDB
- Cloud, DevOps & Infrastructure :AWS (Lambda, ECS, S3, CloudWatch, SES),Terraform, OpenTofu ,CI/CD pipelines ,Temporal.
- Other Skills: RESTful API Development,Role-Based Authentication,Payment Gateway Integration ,Background Job & Workflow Processing,Data Pipelines & External Data Ingestion,AI Integration using OpenAI SDK ,Agile / Cross-functional Collaboration

WORK EXPERIENCE

PROVENTUS ANALYTICS

Associate Software Engineer - June 2025 to Present

- Built and maintained RESTful APIs using C# and ASP.NET Core.
- Designed and deployed scalable AWS infrastructure, using Terraform/OpenTofu and CI/CD pipelines (YAML).
- Worked with MongoDB, integrated Auth0 for authentication and Stripe for payments.
- Designed data pipelines, implemented Temporal for background workflows, and contributed to AI features using the OpenAI SDK.
- Collaborated with cross-functional teams to deliver scalable, production-ready solutions.

Software Engineer Intern - April 2025 to June 2025

- Assisted in developing basic RESTful APIs using C# / ASP.NET, contributing to core backend functionality.
- Implemented basic AWS S3 integration for file storage and retrieval.
- Gained hands-on experience with cloud-based application development and backend service workflows.
- Participated in code reviews and followed best practices for clean, maintainable code.

SPIRALOGICS INTERNATIONAL PVT. LTD

.NET Intern— February 2025 to April 2025

- Worked on full-stack web application development using ASP.NET MVC, C#, and SQL Server.
- Applied Clean Architecture principles to structure scalable and maintainable codebases.
- Implemented background job processing using Hangfire to automate periodic tasks and also used chart.js for visualization purposes

PROJECTS

Payroll Management System – ASP.NET Core MVC

- Built a secure, role-based payroll system with portals for Admin, HR, and Employees.
- Implemented Clean Architecture, repository pattern, and Entity Framework Core for scalable development.
- Integrated DevExtreme UI, Hangfire for automated salary scheduling, and dynamic report generation.
- Simplified payroll operations and improved administrative efficiency through an intuitive and maintainable platform.

E-commerce Platform (Daraz Clone) – ASP.NET MVC

- Developed a comprehensive e-commerce platform where admins manage users and products, while customers can browse, add/remove items from the cart, and place orders.
- Integrated robust admin features to streamline inventory and user management.
- Improved user experience with a fast, intuitive interface and simplified backend management.

GovConnect Project – ASP.NET

- Built a centralized e-Governance portal enabling data exchange between citizens and government entities.
- Implemented features to enhance citizen engagement and streamline access to government services.
- Facilitated smoother communication across departments and improved overall citizen satisfaction.