

Gaurav Kumar Shrestha

Lalitpur, Nepal | +977 9860484232 | shresthagaurav3@gmail.com
linkedin.com/in/shresthakgaurav | shresthakgaurav.com.np

PROFESSIONAL SUMMARY

Full-Stack Software Engineer II with 3.5+ years of experience engineering, modernizing, and supporting enterprise applications across healthcare and software domains. Proven track record of upgrading legacy systems using .NET, Angular, Microservices, and SQL/Oracle databases, delivering up to a 40% improvement in application performance. Leveraging AI-assisted prompt engineering to accelerate code generation and test coverage.

WORK EXPERIENCE

Software Engineer II (April 2026 – Present) – Infinite Software Services Nepal

- Accelerated technical contributions and increased ownership of enterprise application development and support of production systems by integrating GitHub Copilot and Claude Code into daily workflows.
- Optimized complex SQL Server and Oracle stored procedures and redesigned table indexing, reducing query execution times by 20% across high-volume production databases.

Software Engineer I (February 2024 – March 2026) – Infinite Software Services Nepal

- Modernized legacy application using .NET back end and Angular front end, improving load times by 40%.
- Collaborated closely with Product Owners in a Scaled Agile Framework (SAFe) environment to decompose complex epics into actionable technical tasks.

Software Engineer I (December 2022 – February 2024) – Cotiviti Nepal Pvt. Ltd.

- Worked as a Full-Stack .NET/Angular Developer, contributing to enterprise application development, maintenance, and support.
- Developed and maintained full-stack healthcare enterprise applications, utilizing C# .NET for robust backend logic and Angular for responsive user interfaces.

Trainee (November 2022 – December 2022) – Cotiviti Nepal Pvt. Ltd.

- Completed training on business domains, development processes, and technology stacks used.

TECHNICAL SKILLS

Languages & Frameworks: .NET, C#, Angular, JavaScript, TypeScript

Databases & ORM: SQL Server, Entity Framework, Oracle, Dapper

Architecture & Cloud: REST APIs, AWS, Microservices, CI/CD pipelines

AI Workflows: Prompt Engineering, AI-Driven Unit Testing & Refactoring, GitHub Copilot, Claude Code

Methodologies: Agile, Scrum, Kanban, SAFe (Scaled Agile Framework)

AWARDS & CERTIFICATIONS

- Performer of the Quarter** (Apr - Jun 2026) – Infinite Software Services Nepal
- Performer of the Month** (May 2025) – Infinite Software Services Nepal
- Performer of the Month** (Nov 2024) – Infinite Software Services Nepal
- Certified SAFe Practitioner** (March 2024) – Agile Certification Academy
- Registered Engineer** (Computer) | Nepal Engineering Council

PROJECTS

Handwritten Linear Equation Solver | Python, CNN

- Engineered a CNN-based computer vision model in Python achieving high accuracy in recognizing handwritten linear equations, integrating image processing pipelines for real-time mathematical expression solving.
- GitHub: github.com/ShresthaKumarGaurav/Sem-8_HandwrittenLinearEquationSolver

Face Mask Detection System | Python, CNN

- Designed and trained a CNN computer vision model using Python and OpenCV to detect facial mask compliance in real-time video streams.

ePharma Pharmacy Portal | PHP, JavaScript, SQL

- Developed a full-stack pharmacy management web system featuring inventory tracking, order processing, and custom database management using PHP, JavaScript, and SQL
- Website: hostepharma.epizy.com

EDUCATION

Bachelor in Computer Engineering

Khwopa Engineering College

2022