

SAROJ SHARMA

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ABOUT ME

I am Saroj Sharma, a dedicated Computer Engineer with expertise in web development, machine learning, and automation. I enjoy collaborating with teams, taking on challenges, and contributing to the success of projects.

EXPERIENCE

Infinite Computer Solutions (formerly Cotiviti Nepal)

Software Engineer | June 2022 – Present

- Developed and maintained web applications using Angular and Spring Boot.
- Supported manual and automation testing for functional and regression testing.
- Migrated legacy applications, including Okta and Oracle systems.
- Resolved diverse support tickets efficiently.

Quickfox Consulting

Software Engineering Intern | February 2022 – May 2022

- Automated tasks using Python and RPA framework.
- Worked on optical character recognition (OCR) leveraging machine learning.

EDUCATION

Bachelor of Engineering in Computer Engineering

Kathmandu Engineering College | 2016 – 2021

Relevant coursework: C, C++, Data Structures, Data Mining, Software Engineering, AI, Operating Systems, DBMS, Computer Networks.

Higher Secondary Level (10 + 2 Level)

Liverpool International College | 2014 – 2015

SKILLS

- Programming: Java, JavaScript, TypeScript, Python
- Frameworks: Angular, Spring Boot
- Database: Oracle, MySQL
- Tools: Docker, JIRA, Git

- Testing: Manual and Automation Testing
- Agile Methodologies: Scrum
- Data Science: Pandas, Numpy, and other ML libraries for data analysis and modeling

KEY PROJECTS

“Sahara”: Human Fall Detection System

Developed a fall detection Android app using machine learning, integrating sensors for real-time alerts and GPS notifications.

“Hami Chhau”: Mental Health Support Platform

Built a web app with Spring Boot and Angular, connecting users with mental health experts.

“Ghar Bhada”: Home Renting Platform

Created a Django-based web app allowing users to reserve rentals and property owners to list properties.

INTERESTS

- Web Development
- Machine Learning

LANGUAGES

- English (Fluent)