

Sangam Sedai

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Education

Tribhuvan University	Kathmandu, Nepal
Bachelors of Computer Application	11/2023 - running
Gyanodaya Secondary school	Purano Kalimati, Kathmandu, Nepal
Sub-Engineering (Civil(9-12))	06/2019 - 12/2022

Experience

Engineering OJT Intern:

Conducted by: National Education Board(NEB)

Kritipur Sec.School, Kritipur, kathmandu 04/2022 - 10/2022

- Assisted in site surveys, construction supervision and material testing for ongoing projects.
- Prepared technical drawings, project documentation, and cost estimates.
- Supported the team in ensuring compliance with safety standards and construction regulations.
- Enhanced skills in project planning, technical reporting, and teamwork.

Projects

Java Swing Car Rental System

- Implemented full GUI: login, signup, browse available cars, rent & return
- Managed multi-user sessions; tracked which user rented which car
- Learned MVC pattern and event-driven programming

Socket-Based Chat Application (Java + Swing)

- Built client & server in same Swing window with separate send/receive panels
- Handled multi-threaded socket connections for real-time messaging
- Implemented message logging and UI updates on Swing event dispatch thread

Personal Portfolio Website

- Developed responsive site using HTML, CSS, JavaScript
- Showcases education, skills, projects, and contact form
- Hosted on GitHub Pages with continuous integration via GitHub Actions

Skills

Proficiency in software or tools: VS Code, Git & GitHub, NetBeans,Django ,Autocad, Matlab, Spss

Programming Languages: 🐍 Python, 🌐 Javascript📄 C-programmming, ☕ Java, 📄 HTML, 📄 CSS

Soft skills:

- Teamwork and collaboration experience
- Communication and presentation skills
- Problem solving and analytical skills
- Time management and organizational skills

Languages:

Nepali(native),English(proficient)