

Raj Rana

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SUMMARY

Software Engineer dedicated to improving skills through hands-on learning and development work.

EXPERIENCE

Software Intern

XDezo

February 2025 - May 2025, Ratna Chowk, Pokhara

- Developed backend features for an online auction platform using **Java Spring Boot** and **PostgreSQL**.
- Implemented RESTful APIs for product listings, bidding, and user authentication.
- Integrated database operations for real-time bid tracking and order management.
- Collaborated with a small development team, following **Agile methodology** and using **Git** for version control.

PROJECT

TaskMate – Task Management Website

- **HTML, CSS, JavaScript, PHP**
- Designed and developed a responsive web application for managing tasks with CRUD functionality.
- Implemented user authentication and task categorization features.

MerchVault – E-commerce Website

- **React, Node.js, MongoDB**
- Built a full-stack e-commerce platform with product listings, shopping cart, and order management.
- Integrated a RESTful API and MongoDB for dynamic product and user data handling.

VisuoFind

- **Java Spring Boot, React, PostgreSQL, Python (AI)**
- Developed a reverse image search application combining backend APIs (Spring Boot) with AI-based image embedding, text embedding and similarity search (Python).
- Integrated React frontend and optimized PostgreSQL database for fast retrieval.

EDUCATION

Bachelor of Software Engineering

Gandaki College of Engineering and Science · Lamachaur, Pokhara · 2025

SKILLS

Back End: Java, Spring Boot

Python

Databases: PostgreSQL, MongoDB
