

# Kumud Raj Ghimire

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*Aspiring Software Engineer*

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## Education

B.E. Computer Science and Engineering | BMS College of Engineering, Bangalore | **CGPA: 9.68/10.0** | 2023 – 2027

SLC (PCMC) | Capital College and Research Center, Kathmandu | **GPA: 4.0/4.0** (11th), **3.79/4.0** (12th) | 2021 – 2023

SEE (grade 10) | Lalitpur Madhyamik Vidhyalaya | **GPA: 4.0/4.0** | 2021

## Technical Skills

**Programming Languages:** Python, Java, C, Dart (Flutter)

**Backend Technologies:** FastAPI, FireBase

**Web Technologies:** [React.js](#), HTML, CSS

**Mobile Development:** Flutter

**Databases:** MySQL, MongoDB, Firestore

**Developer Tools:** Git, GitHub, VS Code, Vercel, Figma, Postman

**Concepts:** Data Structures, Algorithms, Object-Oriented Programming, Operating Systems, Database Management Systems, Computer Organization & Architecture, Computer Network

## Technical Projects

**SkillTrade** | Mobile Application (Flutter, Firebase)

- **Developed a freelancing and skill-trading mobile platform** used by **20+ students** that enabled users to match skills, chat in real time, and manage services, improving peer-to-peer collaboration.

- Technologies: Flutter, Firebase Authentication, Firestore, Cloud Messaging

**Dormly** | Web Application (React.js, Node.js, MongoDB)

- **Built a second-hand marketplace platform** for college students, enabling seamless buying and selling of items across campus.

- Integrated real-time chat (Socket.io), **reducing response time** between buyers and sellers implemented JWT authentication for **100% secure logins**, and developed advanced filtering options that improved item discovery efficiency.

- Technologies: React.js, Node.js, Express.js, MongoDB, Socket.io, JWT

**Exnote** | Web Application (TypeScript, React.js)

- **Created and deployed a web platform** for hosting past year question papers and notes, attracting **7000+ active monthly users** and improving study resource accessibility for students.
- Technologies: TypeScript, React.js, Vercel

## Achievements

- Awarded **Full Ride Scholarship (COMPEX)** by the Government of India for Bachelor's Degree
- Awarded **BMSCE Alumni Merit Scholarship** for being branch topper in CSE first year for the AY 2023-24
- Awarded **Mahatma Gandhi Scholarship** by Government of India for academic excellence in grade 11 and 12
- Solved **150+ DSA** problems in Leetcode and 250+ problems with all platforms combined
- maintained a stellar **CGPA of 9.68/10**, including perfect 10 and 9.95 in consecutive semesters (sem I and II)

## Languages

English, Nepali, Hindi