Aayush Koirala

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PROFILE

Final-year Computer Engineering student with a strong focus on **Frontend Development** and **React.js**. Proficient in building responsive, component-based user interfaces and integrating RESTful APIs. Passionate about modern JavaScript (ES6+) and clean code practices. Seeking an internship to apply frontend skills in creating seamless, user-centric web applications.

SKILLS

- **Languages:** JavaScript, HTML, CSS, C++, Java, C, C#, SQL

- **Frameworks & Libraries:** React.js, Node.js, Express.js, Socket.io

- **Tools & Platforms:** Git, GitHub, MongoDB, Postman, Linux

EDUCATION

Nepal Engineering College   Changunarayan, Bhaktapur
Affiliated to Pokhara University   Expected Feb, 2026

Bachelor of Engineering
Major in Computer Science

Relevant Coursework: Computer Networks, AWT (Advanced Web Technology), AI (Artificial Intelligence), Operating Systems, Database Management

PROJECTS

Good Notes (Academic Portal)

- Developed an educational resource portal using HTML, CSS, and JavaScript, enabling efficient distribution of lecture notes.

- Implemented a NoSQL database (MongoDB) to structure document metadata, reducing data retrieval time.

- Built robust RESTful APIs using Node.js to handle user requests, file uploads, and static content serving.

Merch Nepal

- Engineered a full-stack e-commerce application utilizing the MERN stack, with a specific focus on React frontend architecture.

- Integrated Stripe payment gateway to facilitate secure, PCI-compliant financial transactions.

- Implemented bidirectional real-time communication using Socket.io for instant customer support chat.

- Developed dynamic review filtering and interactive rating systems using React hooks and complex state management.