Mohan Paudel

Computer Engineering Student · Full-Stack Web Developer

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SUMMARY

Second-year Computer Engineering student at ACEM, Tribhuvan University. I build and deploy full-stack web apps with React, Node.js and MongoDB, and write C/C++ for competitive programming. Winner of the Prerana Tech Fest competitive programming contest. Looking for an internship where I can ship real features and learn from an engineering team.

PROJECTS

StudyTracker — full-stack study planner

Mar – Sep 2026

`React · Vite · Tailwind CSS · Node.js · Express · MongoDB · JWT · Cloudinary`

- Built an app that tracks syllabus progress against exam dates, logs study sessions with a Pomodoro timer, and flags subjects falling behind.
- Implemented JWT authentication with bcrypt password hashing, API rate limiting and server-side input validation.
- Added progress charts (Recharts), drag-and-drop ordering and avatar uploads with cropping; deployed the frontend on Vercel and the API on Render.

`tracker.paudelmohan.com.np`

Boolean Algebra Solver — logic design tool

Jun 2026

`TypeScript · Vercel`

- Generates truth tables, Karnaugh maps and logic circuit diagrams from any Boolean expression.
- Simplifies expressions with a Quine–McCluskey engine, including don't-care terms.

`boolean-algebra-solver.vercel.app`

Digital Diary — desktop application

Jul 2026

`C++ · Qt Widgets`

- Desktop diary with user login, entry management, search and local file storage.

CricVerse — live cricket platform

Mar 2026

`HTML · CSS · JavaScript · Cricbuzz API`

- Live scores and ICC rankings in vanilla JavaScript, with asynchronous data fetching and API rate-limit handling.

`mohanpaudel761.com.np`

Also built

- **ID Card Generator** (TypeScript) — browser tool that creates printable ID cards with no sign-up · `getidcard.paudelmohan.com.np`
- **Discord Bot** — automation and moderation commands for a college Discord server.

EDUCATION

B.E. Computer Engineering

Advanced College of Engineering and Management (ACEM), Tribhuvan University
Oct 2025 – Present · Kathmandu

+2 Science

Prerana Secondary Boarding School
Aug 2023 – Aug 2025 · Bharatpur

ACHIEVEMENTS

Winner — Competitive Programming

Prerana Tech Fest, Bharatpur · 2024

First Runner-up — Inter-School Hackathon

SOS, Bharatpur

SKILLS

Languages	C, C++, Python, JavaScript, TypeScript
Web	React, Tailwind CSS, Node.js, Express, MongoDB, REST APIs, HTML, CSS
Tools	Git, GitHub, GitHub Actions, Vercel, Render, Qt
Spoken	Nepali (native), English (fluent)