

# SACHIN SHRESTHA

Computer Engineer

## PROFESSIONAL SUMMARY

Motivated Computer Engineering graduate with experience in web/mobile development, e-commerce platforms, and AI-driven solutions. Proficient in React, Next.js, Vite, Tailwind CSS, Redux, Node.js, and MongoDB/PostgreSQL, with additional knowledge in cryptography, information security, and data mining. Proven through projects like AI Content Generation and Gymcell (Gym wear E-commerce), showcasing skills in problem-solving, collaboration, and building scalable, user-friendly applications.

## PROJECTS

- **AI Content Generation – PERN Stack (Grade A+)**

Full-stack AI-powered content platform with Clerk authentication, role-based access, and AI API integration.

- **GYM-CELL – MERN Stack (Grade A+)**

E-commerce platform for gym wear with catalog, secure checkout (Stripe/PayPal), and admin dashboard.

- **Chasma Ghar – PHP & MySQL (Grade B+)**

Eyewear store web app with product listing, shopping cart, and order management.

- **Hotel Management System – C/C++ (Grade A)**

Desktop app for room booking, billing, and customer record management with file handling.

- **To-Do List – PHP & MySQL**

Task management web app with CRUD operations and task tracking.

- **Unit Converter – Android App**

Lightweight app for converting weights (kg ↔ lbs) with simple UI.

## EDUCATION

Eastern College of Engineering, Biratnagar-2

**Bachelor in Engineering** - Computer Science Engineering

## CONTACT

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## LIVE PROJECTS

- <https://ai-pern-stack-front1.vercel.app/>
- <https://sachin-nep-gpt.vercel.app/>

## SKILLS

- **Web & Android Development:**

Proficient in building responsive web applications and Android apps.

- **Full-Stack Development:** Skilled in MERN & PERN stacks with expertise in authentication, REST APIs, and database management.

- **Programming Languages:** Strong foundation in C, C++, and Java (Android), with problem-solving and system design experience.

- **PHP & MySQL:** Intermediate experience in developing dynamic, database-driven applications.