

# HEMRAJ PANCHAL

## SOFTWARE DEVELOPER

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### About

I'm a Computer Engineering student from India, passionate about programming and new technology. I love exploring how things work and building projects that solve real problems. I'm a curious learner – always experimenting, improving my skills, and trying out cool tech. Whether it's backend development, AI tools, or cloud services, I enjoy creating things that are fast, simple, and meaningful.

### EDUCATION

B.Tech – Computer Engineering (2025)

Swarnim Startup & Innovation University | CGPA: 8.20

### Relevant Coursework

Data Structures and Algorithms, Database Management Systems, Computer Networks, Operating Systems, System Software, Object-Oriented Programming, Digital Electronics

### Skills

**Programming Languages:** Java, JavaScript, TypeScript

**Frameworks:** Node.js, Express.js, React.js, Next.js

**Databases:** MySQL, PostgreSQL, MongoDB, Firebase Firestore

**Cloud & DevOps:** AWS (EC2, S3), Google Cloud Platform, Docker, CI/CD

**Tools:** Git/GitHub, Postman, VS Code, IntelliJ IDEA.

### PROJECTS ( Live Links )

#### Galaxy Chat – AI Chatbot Platform | Next.js, AI SDK, Clerk, MongoDB, Cloudinary, Mem0

- Built a full AI chatbot platform using AI SDK with smooth natural-language understanding & responsive outputs.
- Added a smart memory layer to maintain context across chats for a more human-like experience.
- Implemented persistent chat history, file upload support, and secure storage for user-shared files.

#### Jeevan Cure – Healthcare On Fingertips | Node.js, Clerk Auth, Vonage SMS, Cloudflare R2

- Developed backend logic for emergency healthcare locator system with fast API responses.
- Integrated Vonage SMS for instant emergency alerts and real-time location-based updates.
- Set up Cloudflare R2 for secure storage of medical prescriptions and patient documents.

#### Grab – E-Commerce Website | Online Shopping Platform

- Built a modern e-commerce website with product listing, search, and category-wise browsing.
- Implemented cart, wishlist, and checkout flows to simulate real online shopping experience.
- Added user authentication and order tracking for a personalized shopping journey.
- Designed a responsive UI optimized for both mobile and desktop users.

#### Portfolio Website – Personal Brand Platform | HTML, CSS, JavaScript, GitHub Pages

- Built a clean, modern personal portfolio with a professional and responsive layout.
- Added sections for Tech Stack, Projects, Services, About Me, and Contact.
- Deployed on GitHub Pages with fast loading and SEO-friendly structure.

### Additional Skills

Problem Solving • Time Management • Team Collaboration • Documentation • API Testing