

HEMRAJ PANCHAL

SOFTWARE DEVELOPER

ANKLESHWAR, GUJARAT, INDIA. 393001

+91-9054030143 | hemrajpanchal1104@gmail.com

[LINKEDIN](#) [BDE PORTFOLIO](#) [DATA ANALYSIS](#) [GITHUB](#)



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.

Additional Skills

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