

# HEMRAJ PANCHAL

## SOFTWARE DEVELOPER

📍 ANKLESHWAR, GUJARAT, INDIA. 393001

📞 +91-9054030143 | 📩 HEMRAJPANCHAL1104@GMAIL.COM

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### Summary

Computer Engineering graduate (2025) with hands-on experience in full-stack web development using JavaScript, Node.js, and React. Worked on real-world projects involving APIs, authentication, databases, and cloud storage. Interested in backend systems and writing clean, structured code. Seeking an entry-level Software Engineer or Full Stack Developer role where I can learn, contribute, and grow professionally.

### EDUCATION

B.Tech – Computer Engineering (2025)

Swarrnim Startup & Innovation University | CGPA: 8.20

### Technical Skills

**Languages:** Java, JavaScript, TypeScript

**Frameworks & Libraries:** Spring Boot, Spring Data JPA, Node.js, Express.js, React.js, Next.js

**Databases:** MySQL, PostgreSQL, MongoDB, H2, Firebase Firestore

**Messaging & APIs:** Apache Kafka, REST APIs, JSON, RESTTemplate

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

**API & Testing:** Maven, Postman (Student Expert), Git, GitHub, VS Code, IntelliJ IDEA

### PROJECTS ( Live Links )

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

- Built a full-stack AI chatbot with natural language interaction and persistent chat history.
- Implemented authentication, session management, and secure file uploads.
- Added memory-based context handling for improved user experience.

#### 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

- Developed an e-commerce platform with product listing, search, and category filtering.
- Implemented cart, wishlist, checkout flow, and order tracking.
- Added user authentication and session-based interactions.
- Designed responsive UI compatible with mobile and desktop devices.

#### Portfolio Website

- Created a personal portfolio using HTML, CSS, and JavaScript.
- Showcases projects, skills, and contact information.
- Deployed on GitHub Pages with SEO-friendly structure.

### EXTRACURRICULAR & CERTIFICATIONS

#### JPMorgan Chase – Software Engineering Job Simulation (Forage) | Jan 2026

- Built a Spring Boot microservice integrating Apache Kafka, REST APIs, and H2 database to process transactional data.
- Implemented data persistence, validation, and API integrations using Spring Data JPA and Maven-based testing.
- **Postman API Fundamentals – Student Expert**
- **Data Analytics Virtual Internship – Trainity**
- **Data Analytics Live Project – Trainity**

### Additional Skills

Problem Solving · Logical Thinking · Team Collaboration · Documentation · API Testing · Time Management