

Janhavi Vijay Chavada

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SUMMARY

Full-stack and backend developer with strong skills in AI, DevOps, distributed systems, and Web3 engineering. Experienced in building scalable microservices, real-time applications, and on-chain logic. Passionate about creating high-impact products, optimizing architectures, and solving complex engineering problems. Seeking opportunities to work on backend, AI-driven systems, or cloud-native platforms.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, SQL, Rust (basics)

Backend: Node.js, Express.js, FastAPI, Microservices, REST, Redis, PostgreSQL, MongoDB

Frontend: React.js, Next.js, TailwindCSS

DevOps & Cloud: Docker, Kubernetes, GitHub Actions, CI/CD, Containerization

AI/ML: Python ecosystem, data processing, LLM integration, API-based AI tools

Blockchain/Web3: Solidity, Foundry, Hardhat, Solana, Anchor

PROJECTS

Mortgage Microservices

github.com/Hijanhv/mortgage-microservices

2025

Node.js, Docker, Kubernetes

Engineered a production-style microservices system for mortgage lifecycle automation.

Implemented services for users, loans, authentication, and approval logic with API gateway.

Containerized using Docker and deployed via Kubernetes for scalability and fault isolation.

Chatify – Real-Time Chat Platform

github.com/Hijanhv/chatify

2024

React, Node.js, Socket.IO

Built a responsive real-time chat app with online presence, typing indicators, and instant messaging.

Developed secure REST APIs and WebSocket architecture for high-speed communication.

Volatility Fee Hook – Uniswap v4

github.com/Hijanhv/VolatilityFeeHook

2024

Solidity, Foundry, Uniswap v4

Developed a dynamic fee mechanism that adjusts swap fees based on real-time volatility.

Implemented custom v4 hook logic aligned with Uniswap's modular AMM architecture.

Phantom Lottery – Solana Program

github.com/Hijanhv/phantom-lottery

2023

Rust, Solana, Anchor

Created a decentralized lottery with on-chain randomness and verifiable winner selection.

Implemented PDAs, state accounts, and Anchor-based secure instruction handling.

Google Girl Hackathon 2025 Project

github.com/Hijanhv/Google-Girl-Hackathon_2025

2025

Next.js, FastAPI, AI APIs

Built an AI-powered learning assistant with interactive modules and content generation.

Integrated FastAPI backend with a Next.js UI for a seamless full-stack experience.

EDUCATION

ISBM University

B.Tech in Computer Science and Engineering

Chhattisgarh, India

2024 – 2028