

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