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

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

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

PROJECTS

Mortgage Microservices 2025
Node.js, Docker, Kubernetes ⌨ *GitHub*

  Built a production-style microservices system for the entire mortgage lifecycle.

  Implemented services for users, loans, approvals, and authentication with clear API boundaries.

  Containerized services using Docker and orchestrated with Kubernetes for scalability and resilience.

Chatify – Real-Time Chat App 2024
React, Node.js, Socket.IO ⌨ *GitHub*

  Developed a responsive real-time chat platform with typing indicators and online presence.

  Implemented WebSocket communication and secure REST APIs for low-latency messaging.

Volatility Fee Hook – Uniswap v4 2024
Solidity, Foundry, Uniswap v4 ⌨ *GitHub*

  Created a dynamic swap fee mechanism driven by market volatility using Uniswap v4 Hooks.

  Implemented on-chain fee logic aligned with modular AMM architecture for flexible integrations.

Phantom Lottery – Solana Program 2023
Rust, Solana, Anchor ⌨ *GitHub*

  Built a decentralized lottery system with on-chain randomness and deterministic winner selection.

  Used PDAs and Anchor-based account management for secure state handling.

Google Girl Hackathon 2025 Project 2025
Next.js, FastAPI, AI APIs ⌨ *GitHub*

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

  Integrated a FastAPI backend with a modern Next.js frontend for a complete full-stack experience.

EDUCATION

ISBM University Chhattisgarh, India
B.Tech in Computer Science and Engineering *2024 – 2028*