SIDDHARTH MOVALIYA

contact@siddharthmovaliya.com | +1 (515) 766-1643

GitHub: github.com/siddharth-movaliya/ | LinkedIn: linkedin.com/in/siddharth-movaliya/

SUMMARY

Graduate CS student at Iowa State University specializing in full-stack web development and cloud deployment. Professional with React/Next.js, Prisma/PostgreSQL, Docker/Kubernetes, and AWS, with a track record of building production-ready, scalable applications.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, SQL | **Frontend:** React, Next.js, Tailwind, Zod | **Backend:** Node.js, Prisma, PostgreSQL, REST APIs | **DevOps:** Docker, Kubernetes, AWS (EC2, S3, RDS, ECS, EKS), GitHub Actions | **Other:** Git, Linux, Agile/Scrum

EDUCATION

Iowa State University – Ames, IA
 Master of Science, Computer Science | Jan 2025 – Present

Vishwakarma Government Engineering College (VGEC) – Chandkheda, India
 Bachelor of Engineering, Electronics & Communication | Aug 2020 – Jun 2024

EXPERIENCE

Founding Engineer – CoinHarbour
Crypto Algorithmic Trading Marketplace | May 2024 – Oct 2024

- Engineered and deployed a **DeFi trading platform** supporting **100+ early users**.
- Integrated **MetaMask authentication** and **built a workflow** to classify **1000+** Ethereum **smart contract** transactions daily.
- **Engineered AWS container orchestration**, resolving Docker container crashes and increasing platform uptime from **70% → 99%+**.
- **Implemented secure deposit/withdrawal flows** with smart contract validation, safeguarding **100%** of user funds during early-stage testing.

Team Lead – Shubham Ventures
 Investment portfolio tracker | *Jan 2024 – Apr 2024*

- Built a portfolio tracker with Next.js and optimized **SSR for ~40% faster load times**.
- Integrated **decentralized storage (Sia)** to improve data security and reliability.
- **Deployed application on Kamal** with **Dockerized** services and **GitHub Actions**, enabling reliable cloud hosting.
- Delivered **MVP** in **under 8 weeks**, enabling early user testing and feedback ahead of schedule.

PROJECTS & ACHIEVEMENTS

Spotify Dashboard (Full-Stack Web App)

- Built a **MERN**-stack Spotify dashboard app with React, Tailwind, and **Chart.js** for personalized music insights.