

JIT MUKHERJEE

DevOps Domain Member

@jitmukherjee.dev@gmail.com <https://codesbyjit.vercel.app>

SUMMARY

A results-driven Computer Science student with a passion for DevOps, specializing in automating the software development lifecycle. Proficient in **CI/CD, Docker, and AWS**, with a focus on building scalable and resilient cloud systems through container orchestration. Actively learning Kubernetes to further enhance system reliability and performance.

EXPERIENCE

Tech Domain Lead – Sustainovate

05/2025 - Present

- Led the architecture and development of the official full-stack club website, significantly improving member engagement and event management.
- Directed the containerized deployment of the platform on Microsoft Azure, ensuring a reliable and scalable infrastructure.
- Orchestrated CI/CD pipelines to automate the software delivery process, reducing deployment time and increasing efficiency.

PROJECTS

Simple Decentralized Exchange (DEX)

Developed a demonstration of a decentralized exchange with buy and sell functionality.

- **Tech Stack:** Node.js, Express

<https://github.com/codesbyjit/simple-dex>

Decentralized Freelance Marketplace (Work3)

Developed a decentralized application on the Ethereum blockchain to facilitate a secure freelance marketplace, implementing features like smart contract-based bidding and escrow payments.

- **Tech Stack:** React, JavaScript, Solidity, ethers.js, Ethereum

<https://github.com/codesbyjit/Work3>

KEY ACHIEVEMENTS



InnovoCon 2025 Winner

Won for developing a scalable sustainability application.



Founder of SmartLocal

Founded and led a web solutions service that catered to over clients.



Google Gen-AI Study Jams 2024

Certificate of Completion



SKILLS

AWS, Azure, Docker, Git, GitHub Actions, Nginx, Linux

Grafana, Prometheus, Loki

TypeScript, JavaScript, Python, C++, C

React.js, Next.js, Node.js, Express

MongoDB, PostgreSQL

VS Code, Vim, Postman

EDUCATION

B.Tech in CSE and CLOUD COMPUTING

Techno India University

08/2024 - Present