HIMANSHU LADE

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PROFESSIONAL SUMMARY

High-impact Software Engineer specializing in Site Reliability Engineering, DevOps, and full-stack development with expertise in AI-powered developer tools. Proven track record in disaster recovery, performance optimization, CI/CD implementation, and open source projects. Expert in cloud technologies, security best practices, and high-availability systems.

TECHNICAL SKILLS

Languages:	JavaScript, Python, Dart, SQL	**Full-Stack:**	React, Next.js, Node.js, Express, Flutter
Cloud & DevOps:	AWS EC2, Docker, GitHub Actions, Nginx, PM2	**AI Integration:**	Gemini API, Multi-Provider AI, Prompt Engineering
Databases:	MongoDB, Mongoose, OWASP Security	**Tools:**	Docker Compose, Git Hooks, CI/CD Pipelines

PROFESSIONAL EXPERIENCE

Founding Engineer & Principal Technical Lead   **May 2025 – September 2025**

Ask Jay Cleaning Services | Sydney, NSW

- Led complete disaster recovery from security breach, restoring 100% functionality with zero data loss while achieving 88% performance improvement (25s to <3s load times)
- Designed automated CI/CD pipeline using Docker and GitHub Actions, reducing deployment time by 90%
- Developed full-stack Course Management System using React.js and Node.js with secure REST API architecture
- Built and deployed 700+ SEO-optimized landing pages across multiple geographic regions
- Managed AWS EC2 production infrastructure and created technical roadmap for three-sided marketplace

Web Developer Intern   **September 2023 - February 2024**

Australian Computer Society | Sydney, NSW

- Developed MERN stack platform for 10,000+ users with optimized queries and RESTful APIs
- Implemented cloud migration to Netlify with CI/CD pipeline, achieving 12% performance improvement
- Conducted security assessments following OWASP guidelines, identified and resolved 15+ vulnerabilities
- Reduced average page load times by 30% through frontend optimization and database enhancements

OPEN SOURCE & NOTABLE PROJECTS

Codeflow Hook – AI-Powered CLI Tool (268+ npm downloads)

Engineered and published universal npm package combining interactive CI/CD simulator with AI-powered Git workflow automation. Integrated multi-provider AI support (Gemini, OpenAI, Claude) with automated pre-commit/pre-push quality gates. Architected containerized full-stack application with React/Vite frontend, Express backend, Docker Compose, and Nginx. Implemented secure API key management, CSP automation via GitHub Actions, and cross-platform compatibility.

React, Vite, Express.js, Docker Compose, GitHub Actions, Gemini AI, Commander.js, Git Hooks

Mission-Critical System Recovery & Infrastructure Overhaul

Led full incident response for catastrophic database failure, restoring 100% of service and data. Architected and provisioned secure AWS and MongoDB Atlas infrastructure, achieving 88% performance improvement (25s to <3s load times) post-recovery.

AWS EC2, MongoDB Atlas, Nginx, Node.js, React.js, Incident Response

Greenfield Marketplace Application & Technical Roadmap

Served as sole engineer and architect for three-sided marketplace. Built functional UI prototype and created multi-phased technical roadmap using Agile methodologies.

Flutter, Dart, Technical Roadmapping, Agile

EDUCATION

Master of Computer Science| Major in Software Engineering | University of Wollongong, NSW

Professional Year Program (Information Technology) | Performance Education, Sydney

Bachelor of Engineering in Computer Technology | Nagpur University, India