Joy Dalal

Bengaluru, Karnataka • +91 87695 99334 • djjoydalal2002@gmail.com
GitHub: JOYDALAL7 • **LinkedIn:** Joy Dalal

Summary

Full-stack developer skilled in developing scalable web applications, optimizing backend performance, and designing secure APIs. Experienced with React, Next.js, Node.js, Express, MongoDB, AWS, and CI/CD. Strong foundation in system design, data structures, and cloud deployment with measurable improvements in latency, query speed, and reliability.

Skills

Frontend: React, Next.js, JavaScript, TypeScript, Tailwind
Backend: Node.js, Express, REST APIs, OAuth2, JWT
Databases: MongoDB, MySQL, Indexing, Query Optimization
Cloud/DevOps: AWS, Firebase, Vercel, GitHub Actions, CI/CD, Linux
AI/ML: OpenAI APIs, LangChain, Flask Inference
Tools: Git, Postman, Docker
Languages: JavaScript, TypeScript, Python, SQL

Projects

MindShield AI — AI Security Assistant   Live • GitHub
Next.js • Node.js • Flask • MongoDB

- Built AI-powered threat-analysis platform integrating Node.js backend with Flask OpenAI inference APIs.
- Reduced inference latency **40% (480ms→290ms)** via routing optimization and caching.
- Implemented RBAC, refresh tokens, secure sessions following OWASP guidelines.
- Automated CI/CD using Vercel + Firebase, reducing deployment time **80%**.

Wall Finishing Workflow System — Operations Dashboard   Live • GitHub
React • Node.js • MongoDB

- Developed workflow automation dashboard with CRUD operations and real-time updates.
- Improved DB query performance **60%** via indexing + optimized schemas.
- Reduced manual operations workload by **70%** through automation.
- Added caching, validation, and secure REST endpoints for reliability.

Experience

Cybersecurity Intern — IOCL   Jun–Jul 2025

- Automated scanning pipelines, reducing manual review time **50%**.
- Identified **14+ vulnerabilities** via Burp Suite, Nmap, and log analysis.
- Built Python automation saving **6+ hours/week**.
- Supported remediation and endpoint hardening.

Jr. Frontend Developer — Devtrend Web Solutions   May–Jun 2025

- Improved Lighthouse score **68→92** by optimizing rendering + splitting bundles.
- Reduced bundle size **25%**, improving frontend performance.
- Built reusable components used across **3+ apps**.
- Collaborated in Agile sprints and PR reviews.

Education

B.Tech in Computer Science (Cybersecurity)   2021–2025
VIT Bhopal University • CGPA: 6.67
Coursework: Data Structures, Algorithms, DBMS, OS, Networks, InfoSec

Certifications

AWS Cloud Practitioner • TryHackMe Top 10% • Google Bits by Bytes • VR/AR Tech Head • Valorant LAN Champion