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Summary

Final-year CS engineer who builds things that scale real-time collaboration tools, serverless AWS systems, and AI-assisted search. Top 6.67% on LeetCode. Looking to join a team where engineering quality matters.

Work Experience

SDE Intern

May 2024 – Oct 2024

Aspiring Media Tech Pvt Ltd, Vasai, Maharashtra

- Automated WhatsApp campaign delivery using PHP and REST APIs with PostgreSQL, enabling one-tap messaging to 2,000+ users and significantly reducing manual effort.
- Implemented a scheduling system using cron jobs and batched processing (5-second intervals), ensuring reliable execution without server throttling.
- Built real-time dashboards using JavaScript and Bootstrap to monitor campaign KPIs, improving data visibility and decision-making.
- Tech Stack:** JavaScript, HTML, CSS, PHP, REST APIs, PostgreSQL, Bootstrap.

Projects

AI-Powered Real-Time Collaborative Coding Platform | [GitHub](#)

- Developed a real-time collaborative coding platform using React and Socket.IO, supporting simultaneous editing and messaging for 20+ active collaborators per session.
- Integrated an AI-assisted chat feature using Google Gemini to generate contextual code suggestions during development workflows.
- Implemented Redis-backed session management and JWT-based authentication, validating multi-user collaboration with 200+ active sessions and reliable session recovery.

Serverless Event RSVP Management System (AWS) | [GitHub](#)

- Built a serverless full-stack application with AWS Lambda and API Gateway to support event discovery and RSVP workflows, validated for 1,000 concurrent requests.
- Designed RESTful endpoints and data workflows, leveraging RDS (MySQL) for structured event data and a DynamoDB single-table model for 10K+ daily RSVP updates.
- Delivered a secure, globally distributed frontend using S3 and CloudFront with IAM-based access control and cost monitoring, reducing average page load times by 40% compared to non-CDN delivery.

SearchIQ – Hybrid Semantic Search System | [GitHub](#)

- Architected a hybrid semantic + keyword search solution leveraging vector embeddings and similarity search to improve query relevance beyond keyword-only approaches.
- Established an automated indexing and search pipeline with pluggable embedding providers and a vector store, reducing irrelevant or zero-result searches by 30%.

Skills

Languages: Java, JavaScript, Python, SQL.

Frontend: HTML, CSS, Tailwind CSS, React.js

Backend & APIs: Node.js, Express.js, Socket.IO, REST APIs

Databases, Cloud & Auth: MySQL, PostgreSQL, MongoDB, Redis, AWS (Lambda, API Gateway, S3, CloudFront), JWT.

Education

Vidyavardhini's College of Engineering and Technology

2022 – 2026

Bachelor of Engineering in Computer Science

CGPA: 8.54

- Coursework:** Data Structures and Algorithms, Object-Oriented Programming, Operating Systems, Computer Networks, Database Management Systems, Software Engineering, Linux Basics.

Certifications & Achievements

- LeetCode: Contest Rating 1867; Top 6.67% globally; solved 600+ Data Structures & Algorithms problems
- HackerRank Certifications: SQL (Intermediate) Certified; 5 star Java Coder
- AWS Cloud Practitioner course completed, covering core cloud, security, and pricing concepts
- Secured 3rd Place at Coherence Hackathon 2024 for delivering a production-ready solution under time constraints