

HARSH JHA

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[Linkedin](#) | [GitHub](#) | [Portfolio](#) | [LeetCode](#)

SUMMARY

Software Engineer skilled in building scalable backend systems and performance-optimized applications. Proficient in C++, JavaScript, and distributed systems, with hands-on experience deploying containerized microservices on AWS. Strong foundation in algorithms, data structures, and system design, with a competitive coding background and a passion for solving complex real-world problems at scale. Open to opportunities in high-impact backend and systems roles.

SKILLS

Languages:	C++, Bash, JavaScript, TypeScript, Python, Go
Backend/Systems:	Node.js, FastAPI, Nginx, Redis, JWT
Databases:	PostgreSQL, MySQL, MongoDB
Tools / Platforms:	AWS, Docker, Makefiles, Git, GitHub, CI/CD, Linux
Frontend:	HTML, CSS, React

EXPERIENCE

Software Engineer, Excited Digital Solution LLP April 2025 – October 2025

- Designed and deployed microservices for sales automation; reduced manual workload by 40% and boosted team productivity.
- Integrated OAuth 2.0 with HubSpot for secure data syncing and analytics ingestion.
- Deployed Dockerized services on AWS with Nginx load balancing, achieving 99.9% uptime SLA.
- Implemented Redis caching and asynchronous job queues, improving analytics performance by 50

Full Stack Developer, Mavyax Tech Private Limited September 2024 – April 2025

- Architected modular **REST APIs** for 5+ enterprise clients using **Node.js/Express and PostgreSQL**.
- Refactored legacy codebases, delivered 8+ new features, and resolved critical stability issues to boost uptime reliability.
- Designed **database schema** for 100,000+ records and optimized query patterns.
- Led migration from manual deploys to automated **CI/CD pipelines**, cutting release times by 60%

PROJECTS

Godly (Lox Interpreter) — C++ Jan 2025 – Apr 2025

- Implemented lexer, parser, and runtime (scopes, loops, functions, classes with inheritance).
- Optimized tree-walk evaluation and memory handling; ~20% faster than baseline on internal benches.

TIL-CLI Tool — Bash, Node.js, Yargs, Inquirer Sep 2025

- Interactive CLI to capture/edit/confirm “Today I Learned” notes via guided prompts.
- Persists to JSON and auto-generates a static HTML portfolio page from saved entries.

AnyWhere Notes — Node.js/TypeScript, PostgreSQL, Prisma, JWT Jul 2024 – Sep 2024

- Modular backend and REST APIs for note creation/management with ACID guarantees.
- Integrated JWT auth and role-based access; reduced average query latency by ~30%.

ACHIEVEMENTS

- TCS CodeVita S11:** Global Rank **285** in Round 2 (Top **0.06%** of 444k+ participants).
- College Hackathon Winner:** 1st place among 900+ participants; Won a cash prize of 15,000.

CODING PROFILES

- Codeforces:** Specialist (max rating **1437**); tester for Round 1006. *Profile:* <https://codeforces.com/profile/imtheonly1>
- CodeChef:** **3★** (peak **1728**); 60+ contests, 300+ solved. *Profile:* <http://codechef.com/users/imtheonly1>

EDUCATION

Dr. A. P. J. Abdul Kalam Technical University, Lucknow — *B.Tech, Computer Science & Engineering* 2021–2025

LEADERSHIP & ACTIVITIES

President, AlgoClub (2023–2024) — Organized hackathons and workshops for over 200 participants; led program design and execution.

CERTIFICATIONS

Frontend Masters — The Hard Parts of Asynchronous JavaScript · JavaScript: The Hard Parts v2 · Deep JavaScript Foundations v3