RIKKY JAKHAR

+91 8130025744 ◇ New Delhi, India
rikkyj108@gmail.com ◇ rikkyj.tech ◇ LinkedIn ◇ GitHub ◇ LeetCode

EDUCATION

Bachelor of Technology (B.Tech), Software Engineering — Aug 2023– May 2027
Delhi Technological University — CGPA: 7.23

SKILLS

Programming Languages	Java, C++, JavaScript, TypeScript
Frameworks & Libraries	Node.js, Express.js, React.js, Next.js, Tailwind CSS, Prisma
Tools & Platforms	Git, GitHub, Linux, Docker, AWS(S3, IAM, EC2, ECS), Postman, Burp Suite
Databases	MySQL, MongoDB, PostgreSQL
CS Fundamentals	DSA, Operating Systems, DBMS, OOPs, Computer Network, System Design

EXPERIENCE

SDE Intern — May 2026 – July 2026
Cura | Certificate — *Delhi, IN (Onsite)*

- Developed an end-to-end Health Package Comparison module using Next.js, React, Node.js, Express.js, and MongoDB, enabling seamless comparison of diagnostic packages across multiple healthcare providers.
- Integrated data from public APIs and web scraping, and optimized the user experience by implementing a responsive, parameter-wise comparison interface, eliminating horizontal scrolling.

PROJECTS

Vessel - Sandboxed Execution | Live | GitHub
Tech: Next.js, Node.js, Docker, PostgreSQL, AWS(S3, ECS), Socket.IO, xterm.js

- Built a full-stack cloud IDE provisioning isolated Docker sandboxes with CPU/memory limits for on-demand code execution.
- Implemented a real-time browser terminal using Socket.IO and node-pty, plus a reverse-proxy with dynamic port discovery for live web preview.
- Architected a dual-layer storage system with Prisma/PostgreSQL for relational data and AWS S3 as source of truth for project files.

LeetPush – LeetCode to GitHub Auto-Pusher | Chrome Web Store | GitHub
Tech: Manifest V3, GitHub REST API, Node.js, Express, Web Crypto API

- Built a zero-touch pipeline using Fetch/XHR interception to sync accepted code to GitHub, with SHA-256 deduplication to eliminate redundant commits.
- Automated repository structuring and README generation with difficulty badges and metrics across 18+ languages.

Nuclear AI - Summarizer Application | Live | GitHub
Tech: React, Node.js, Express, Tailwind CSS, Gemini API

- Designed content-extraction pipelines for webpage URLs, YouTube transcripts, and PDFs across 3 input types.
- Configured session-storage caching to persist search history and enable instant summary toggling.

EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Corporate Head (Yuvan)-Negotiated 15+ sponsorships and created 20+ promotional assets for cultural events.
- Solved 400+ DSA problems on LeetCode and GeeksforGeeks, strengthening algorithmic efficiency.
- Participated in CTF competitions with EHAX Cybersecurity Society, enhancing vulnerability analysis skills.
- Served in PR & Corporate Relations at IEEE, securing sponsorships and mentoring juniors.