

AKHAND SINGH

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SUMMARY

Dedicated final year B.Tech CSE undergrad with full-stack development skills and a passion for building efficient, user-focused applications. Built and deployed multiple production-grade projects on cloud platforms (MERN & Spring Boot) while consistently solving problems on coding platforms like LeetCode with global contest rating 1700+. Eager to contribute clean, scalable code and learn quickly in a professional engineering team.

EDUCATION

Vellore Institute Of Technology

2022–2026

Bachelors of Technology in Computer Science and Engineering

CGPA: 8.49/10

SKILLS

- **Languages:** Java, HTML, CSS, JavaScript
- **Frameworks & Libraries:** React.js, Node.js, Express.js, Springboot
- **Tools & Platforms:** MongoDB, Git, GitHub, Postman, VS Code, IntelliJ, Vercel
- **CS Fundamentals:** Data Structures and Algorithms, OOP, OS, DBMS, Problem Solving

EXPERIENCE

Z0id

Jan 2025–Mar 2025

Freelance Developer (Remote)

- Built and optimized web applications with secure **JWT-authenticated RESTful APIs**, ensuring protected communication between client and server.
- Refactored MongoDB schemas in collaboration with the product team, achieving **30% faster query execution** and improved scalability.

PROJECTS

IntPrep – AI Based Interview Guide (*Full Stack Developer*)

[IntPrep](#)

Tech Stack: MERN, Firebase Auth, Google Gemini AI, Tailwind CSS, Vercel

- Led end-to-end development of an AI-driven mock interview platform using **Gemini API**, enabling adaptive question generation and real-time evaluation.
- Delivered a production-grade MERN app with responsive UI, 90% uptime on Vercel, and secure **Firebase** authentication.

Journal App – Journal Management System (*Backend Developer*)

[JournalApp](#)

Exposure: Spring Boot, MongoDB Atlas, Redis, Kafka, Google OAuth 2.0, JWT, Swagger, Heroku

- Developed a secure and scalable Journal Management System enabling users to create, analyze, and manage entries with sentiment and weather insights.
- Built and deployed a strong Spring Boot backend with JWT + Google OAuth 2.0, **Redis** caching for performance boosts, and **Kafka** workflows for automation.

CERTIFICATIONS

- Oracle Java Foundation Associate (Oracle, May 2025)
- Full Stack Web Development (SmartBridge, Apr 2025)

ACHIEVEMENTS

- Solved over 1000+ problems on Leetcode & Coding Ninjas and achieved a global contest rating of 1700+: [Leetcode](#)
- Completed JPMorgan Forage simulation project (Jan 2025)
- Competed in national-level hackathons, including Adobe, Amdocs Hackathon (HackerEarth), and Flipkart Grid 5.0 (Unstop)