

AKHAND SINGH

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SUMMARY

I'm a full-stack developer who enjoys turning ideas into real, usable products—from building solid backend logic to creating clean and intuitive user interfaces. I focus on writing maintainable code and enjoy tackling challenging data structure and algorithmic problems, while striving to contribute to impactful engineering solutions.

EDUCATION

B.Tech in Computer Science and Engineering

VIT Bhopal University, Bhopal, Madhya Pradesh

2022–2026

CGPA: 8.49/10

12th Standard

City Montessori School, Lucknow, Uttar Pradesh

June 2021

ISC Percentage: 93.5%

10th Standard

City Montessori School, Lucknow, Uttar Pradesh

May 2019

ICSE Percentage: 90.8%

SKILLS

Coursework: Data Structures and Algorithms, Object-Oriented Programming, Operating System, Database Management Systems

Technologies / Frameworks / Libraries: Java, HTML, CSS, JavaScript, SpringBoot, React.js, Node.js, Express.js, Spring Boot, RESTful APIs, MongoDB, Git, GitHub, Postman, VS Code, IntelliJ, Vercel

PROJECTS

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

[IntPrep](#)

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

- Led the end-to-end development of an AI-driven mock interview platform using Google Gemini API, driving the project from concept to deployment and ensuring adaptive question generation with real-time response evaluation.
- Delivered a production-grade MERN application with fully responsive UI, Achieved 90% uptime via Vercel deployment, 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 journal entries with sentiment and weather insights.
- Designed and deployed a robust **Spring Boot** backend on **Heroku** with **JWT** and **Google OAuth 2.0** authentication, integrated **Redis caching** for optimized API performance and **Kafka**-based event-driven workflows for automation.

EXPERIENCE

Zoid

Jan 2025–Mar 2025

Software Intern (Remote)

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

CERTIFICATIONS

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

ACHIEVEMENTS

- Solved 1000+ problems on LeetCode & Coding Ninjas with global contest rating of 1650+: [LeetCode](#)
- Completed JPMorgan Forage simulation project (Jan 2025)
- Competed in national-level hackathons, including Adobe, Amdocs Hackathon (HackerEarth), and Flipkart Grid 5.0 (Unstop)
- 1st Place – Model Making Competition on National Mathematics Day, organized by VIT Bhopal (Jan 2023)