

# 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

### 10th Standard

City Montessori School, Lucknow, Uttar Pradesh

ISC Percentage: 93.5%

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)