

# **Yadubir Jha**

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## **EDUCATION**

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### **Vellore Institute of Technology, Bhopal**

Bachelor of Technology

Bhopal, MP

Expected May 2026

Major in Computer Science Engineering Specialization in Cloud computing

Cumulative GPA: 8.34/10

Relevant Coursework: OOPS; Database Management and systems; Operating Systems; Computer Network

Extracurricular : Stats-O-Locked Club Finance team

## **PROJECTS**

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### **BitShelf - A virtual shelf for your bits and bytes ([Link](#))**

(Spring Boot, Spring Security, Java, React.js, MongoDB, Tailwind CSS, AWS)

July 2025

- Engineered a Spring Boot REST API to securely handle file uploads, downloads, deletions, and access control, improving file handling efficiency by 40%.
- Designed and optimized endpoints for public/private file toggling and shareable link generation, enabling seamless collaboration for 100+ test users.
- Integrated Razorpay API for secure payment processing, supporting premium storage features and simulating a scalable monetization model projected for 1K+ users.

### **Internify - Internship tracking platform ([Link](#))**

(Spring Boot, Java, MySQL, Spring Security, RabbitMQ, React.js, Tailwind CSS, GCP)

May 2025

- Engineered a scalable, event-driven backend using Spring Boot and RabbitMQ. Improved API responsiveness by over 90% by offloading tasks like audio transcription and email sending.
- Built a robust, asynchronous email and reporting system that guarantees 100% delivery of AI-generated reports to users in under five minutes, demonstrating strong system design.
- Developed a comprehensive AI system with Google Cloud APIs (Speech-to-Text & Gemini) to transcribe audio answers and provide a structured evaluation, including a match score from 1-100.

## **TECHNICAL SKILLS**

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Java | Spring Boot | JPA | JPA Hibernate | Spring Security | NodeJs | ExpressJs | ReactJs | MongoDB | MySQL | HTML | CSS

## **CERTIFICATIONS & CO-CURRICULAR**

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### **CERTIFIED AWS Cloud Practitioner**

May 2025 – Present

- Gained hands-on experience with core AWS services (EC2, S3) and deployed 3+ full-stack applications using best practices in scalability, security, and cost optimization.

### **INDUSTRY CONCLAVE - Finalist**

June 2024

- Selected as one of the top 5 finalist teams out of 50+ participants for presenting an innovative tech solution at a university-level industry-focused competition.

## **ADDITIONAL**

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**Tools & services :** AWS, Postman, Github, GCP, Render, Maven, RabbitMQ

**Other Skills :** API Integration, Deployment, Google Gemini API, RestAPIs, RESTAPI, Data Structures, Algorithms

**Achievements :** CodeChef (rated : 1600+), Leetcode (rated : 1700+), Codeforces (Specialist, rated : 1400+)

**Languages:** Fluent in English, Hindi