

SUMIT VERMA

Ayodhya, Uttar Pradesh

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EDUCATION

Vellore Institute of Technology, Bhopal

2022 – 2026

B.Tech - Computer Science and Engineering - CGPA - 8.53

Bhopal, Madhya Pradesh

EXPERIENCE

SDE Intern at InternBix

Sep'24

Role - Backend Developer | Java, SpringBoot, MySQL, DynamoDB, Redis, JUnit, Mockito, AWS

- Implemented **JWT** authentication & created a **Job Portal** feature from scratch to enhance HR workflows.
- Ensured job listings are visible to employees only after admin approval, maintaining the integrity of job.
- Achieved 85% unit test coverage using **JUnit** and **Mockito**, ensuring code reliability and quality.
- Minimized data retrieval latency through **Redis** caching, boosting overall operational efficiency.
- Deployed and managed infrastructure on **AWS** using **Elastic Beanstalk**, **RDS**, **DynamoDB**, **S3**, **EC2**.
- Integrated **Swagger** to provide user-friendly API documentation for improved developer experience.

PROJECTS

Contact Management System | Java, SpringBoot, JPA, MySQL, Redis, Trie Data Structure 2023 - 24

- Developed a Contact Management System to streamline contact organization and improve accessibility
- Implemented functionalities including adding, deleting, and searching contacts by name or phone prefixes
- Created RESTful APIs using Spring Boot to perform CRUD (Create, Read, Update, Delete) operations
- Facilitated service-to-service communication using REST APIs, enhancing performance with Redis caching
- Implemented a Trie data structure to optimize search functionality, replacing traditional database queries
- Performed unit testing with JUnit and Mockito, achieving 85% code coverage of critical business logic

Campus Registry Backend | Java, SpringBoot, Spring Security, JWT, MySQL, Flyway 2023 - 24

- Developed a Campus Registry System for student & management using Java Spring Boot framework
- Integrated JWT-based authentication and role-based access control (admin, student, faculty users)
- Implemented role-specific features for managing student data, including validation & efficient updates
- Performed unit testing with JUnit and Mockito, achieving 80% code coverage of essential business logic

TECHNICAL SKILLS

Languages & Frameworks: C++, Java, SpringBoot, SQL, Data Structures & Algorithms

Databases: MySQL, DynamoDB, Redis, PostgreSQL

Testing & Messaging: JUnit, Mockito, Kafka

Cloud: AWS (Elastic Beanstalk, RDS, S3, ElastiCache, Certificate Manager)

Essential tools: Git Version Control, Flyway, Swagger, Web Socket

ACHIVEMENTS

- Qualified for **ICPC Asia West Regionals 2024** and represented VIT Bhopal at the Amritapuri Site
- Accomplished a global **135th** rank out of 3500+ participants in CodeChef Starters 113 Contest
- Secured **Knight** with **1850+** rating, ranked among the top **5%** of coders in LeetCode Contests
- Achieved Global Rank **936th** and AIR **190** in Leetcode Weekly 429 Contest out of 23000 participant
- Attained 3 Stars at CodeChef with max rating of 1650+
- Earned 6 Stars at HackerRank in DSA

CERTIFICATIONS

- Postman Student Expert (Postman)
- Problem Solving Basic (HackerRank)
- Codejam farewell Round A (Google)
- SQL Basic (HackerRank)

EXTRACURRICULAR

- Technical Team **Lead** at BitByBit Club, VIT Bhopal

Dec 2023 - Present