

# HARSH JAIN

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## EDUCATION

### Vellore Institute of Technology

Bachelor of Technology in Computer Science and Engineering, CGPA: 8.77

Bhopal, India

Nov 2022 – Present

## TECHNICAL SKILLS

**Languages:** Java, Python (familiar), JavaScript (ES6) (familiar), SQL

**Frameworks/Libraries:** React.js, Tailwind CSS, HTML5, CSS3, Spring Boot

**Cloud & DevOps:** Amazon Web Services (EC2, S3, Lambda, DynamoDB, CloudFront), Docker, Git, GitHub, CI/CD

**Databases & Tools:** MongoDB, Linux, Postman

**Practices & Coursework:** Agile SDLC, Scrum, Documentation, DSA, OOP, DBMS, OS, CN

## PROJECTS

### AWS Cloud Resume Challenge | AWS (S3, CloudFront, Lambda, DynamoDB, API Gateway), React.js

Jun 2025

- Deployed a fully serverless portfolio on AWS using S3, CloudFront, and Lambda
- Automated deployments with CI/CD (GitHub Actions) and Infrastructure as Code (AWS SAM)
- Built and integrated a real-time visitor counter with a scalable serverless API, processing 500+ unique visits with atomic DynamoDB updates and 99.9% uptime

### Investinet – P2P Investigation Platform | JavaScript, Node.js, Hyperswarm (PEARS Library)

Mar 2025

- Secured a Top 8 finalist spot out of over 400 teams at the PEARS Global Hackathon 2025 for developing a secure peer-to-peer investigation platform
- Engineered a distributed P2P communication system with low-latency chat, room creation, and secure file sharing
- Implemented a community moderation system that reduced unverified content by 35% and improved user trust.

### Movie Review & Personal Movie List Application | Java Spring Boot, React, MongoDB, Tailwind, AWS

Aug 2025

- Designed and developed a full-stack web application with a RESTful API (Java Spring Boot, React), MongoDB for managing movie data, user reviews, and personalized movie lists
- Deployed the React frontend on AWS S3 and CloudFront, and the Spring Boot backend on Render, ensuring high availability and a seamless user experience

## CERTIFICATIONS

**AWS Certified Cloud Practitioner** — Amazon Web Services (Jan 2025)

**Salesforce Certified Agentforce Specialist** — Salesforce (Sept 2025)

## EXPERIENCE

### Python Intern

Oct 2025 – ongoing

Infosys SpringBoard

Remote

- Contributed to the development & maintenance of scalable backend services & RESTful APIs using Python. Gained experience across the entire SDLC, including CI/CD pipelines, code reviews, debugging, and production deployments.

### Salesforce Intern

May 2025 – Jul 2025

TheSmartBridge

Remote

- Automated customer loyalty and inventory alerts using Salesforce Flows & Apex, reducing manual tasks by 90% and boosting operational efficiency. Developed the Suite to streamline workflows and improve data accuracy.

## CO-CURRICULAR ACTIVITIES

**PEARS Global Hackathon 2025:** Ranked in the Top 8 among 400+ international teams

**Hacktoberfest 2025:** open source contribution "Implement interactive custom cursor for enhanced UI engagement"

**Industry Conclave 2024:** Placed as a Top 10 Finalist out of 500+ university-wide projects

**India Space Lab Examination:** Secured All India Rank (AIR) 452 and selected for internship

## RESEARCH & PUBLICATIONS

**5th International Conference on Scientific Research & Innovation Khazar University, Baku, Azerbaijan:**

**Healthcare Data Management Using Blockchain Technology**, presented research on blockchain-based solutions.

## EXTRA-CURRICULAR & LEADERSHIP

**Team Leader, CyberWarriors Club, VIT Bhopal:** Led over 4 cybersecurity events and workshops across 3 semesters, engaging more than 500 students and boosting club participation by 40%