

# HARSH JAIN

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## SUMMARY

Computer Science undergraduate with hands-on experience in web development, cloud computing (AWS), and cybersecurity. Skilled in building scalable applications and solving real-world problems through technology

## EDUCATION

### VIT Bhopal University

B.Tech in Computer Science and Engineering

Nov 2022 – Present

CGPA: 8.63 / 10

## SKILLS

### Languages

Java, Python, SQL, JavaScript, HTML/CSS, Tailwind CSS

### Frameworks & Libraries

React, Bootstrap, Pandas, NumPy, Matplotlib

### Cloud Platforms & Tools

AWS (EC2, S3), Google Cloud Platform, Git, VS Code

## EXPERIENCE

### Software Developer (3 Major Projects & 10+ Mini Projects)

Jan 2023 – Present

*Personal Projects & Open Source Contributions*

- Developed and deployed projects using **JavaScript**, **Java**, **Python**, and **React**, ranging from web development, cloud computing, SDLC, and data analytics.
- Working on the **AWS Cloud Resume Challenge**, integrating **S3**, **CloudFront**, **Lambda**, **DynamoDB**, and **CI/CD pipelines** to demonstrate full-stack cloud deployment

## PROJECTS

### **P2P Crowd-Sourced Investigation Platform** | *JavaScript, Pears, Hyperswarm*

**Feb 25 – Mar 25**

- Built a decentralized, censorship-resistant platform enabling 50+ encrypted evidence uploads via P2P file sharing
- Reduced data tampering risk by 90% and enabled real-time chat across 10+ topic-based newsrooms
- Achieved Top 8 Finalist position at PEARS Global Hackathon 2025

### **Demn\_boiChain: Blockchain Ledger Prototype** | *Java, SHA-256, ECDSA, Gson*

**Jan 25 – Feb 25**

- Developed an immutable blockchain ledger with SHA-256 hashing and PoW-based validation
- Used ECDSA digital signatures to ensure transaction authenticity and secure ownership

## CERTIFICATIONS & HONORS

- [AWS Certified Cloud Practitioner](#) - Amazon Web Services *Scored 759*
- [Cloud Computing](#) - IIT Kharagpur Top 5% - Silver Medal
- [Data Visualization](#) - Kaggle

## EXTRA-CURRICULAR ACTIVITIES & HOBBIES

- Finalist** at **2025 PEARS Global Hackathon** – Selected among 400+ participants worldwide.
- Published a research at **5<sup>th</sup> International Congress on Khazar Scientific Research and Innovation**.
- Finalist Team for **Project Demonstration at Industry Conclave 2024**, VIT Bhopal.
- Co-Lead of Cyber Warriors Club**, VIT Bhopal : Organized technical events attended by 500+ participants
- Hobbies: **Stock Trading**, [Blogging](#).