

Arpit Gupta

+91-9599696216 | ✉ arpit.23bce10791@vitbhopal.ac.in
[LinkedIn](#) | [GitHub](#) | [LeetCode](#)

Education

VIT Bhopal University BTech in Computer Science Engineering	Cumulative GPA: 8.51/10	Bhopal, Madhya Pradesh
12th Standard DL Dav Model School CBSE	Percentage: 84.9/100	Delhi Jul 2022
10th Standard DL DAV Model School CBSE	Percentage: 89.4/100	Delhi Jul 2020

Projects

Coding Interview Platform

- Developed a full-stack remote coding interview platform using Next.js, TypeScript, and Tailwind CSS, enabling real-time video interviews, screen sharing, and session recording for interviewers and candidates.
- Integrated secure authentication and role-based access control using Clerk, and implemented real-time video communication via Stream API, ensuring scalable and interactive interview sessions.
- Designed a modular and responsive architecture with efficient state management using Convex, improving performance, maintainability, and production readiness.

Chest X-Ray Medical Diagnosis Using Deep Learning

- Built a deep learning-based medical diagnosis system using PyTorch and OpenCV to classify chest X-ray images for automated disease detection.
- Applied advanced image preprocessing and transfer learning by fine-tuning ResNet-18, improving model generalization on limited medical datasets.
- Optimized model performance using Cross-Entropy Loss and Adam optimizer, focusing on accuracy and robustness for multi-class classification.

Certification

Oracle Certified Java Foundations Associate	Apr 2025 – July 2025
<ul style="list-style-type: none">● Validated foundational proficiency in core Java programming concepts, including Object-Oriented Programming (OOP) principles, data structures, and control flow.● Demonstrated understanding of Java syntax, basic application development, and error handling, essential for entry-level software development roles.	

IBM Certified Cyber Security Analyst	Apr 2025 – June 2025
<ul style="list-style-type: none">● Certified in comprehensive cybersecurity analysis methodologies, covering threat intelligence, vulnerability management, and risk assessment.● Gained practical knowledge in security operations, incident response, and SIEM tool concepts, relevant for defending against modern cyber threats.	

The Bits and Bytes of Computer Networking	Sep 2024 – Nov 2024
<ul style="list-style-type: none">● Acquired foundational knowledge in computer networking principles, including TCP/IP, DNS, routing, and common networking protocols.● Developed understanding of network infrastructure, troubleshooting techniques, and network services, essential for IT support and system administration roles.	

ADDITIONAL

Technical Skills: Python, Java, HTML, CSS, JavaScript, SQL
Languages: Hindi, English; Basics of Spanish