

# Vinayak Chaturvedi

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## Education

### VIT Bhopal University

2022 - 2026

*Bachelor of Technology- Computer Science; GPA: 8.33*

- Lancers Army School, Surat Class XII - 84.4
- Lancers Army School, Surat Class X - 94.4

## Skills Summary

- **Languages:** Python, C++,HTML,CSS,PHP,Prolog, JavaScript, SQL
- **Tools:** GIT, PostgreSQL, MySQL,Microsoft Powerpoint,Excel,Notion,POSTMAN
- **Soft Skills:** Leadership, Event Management, Public Speaking, Time Management, Prompt Engineering

## Projects

- **VITrade:** Developed a dynamic E-commerce website by integrating HTML and MongoDB for robust backend functionality. Implemented responsive front-end interfaces using HTML, CSS, and JavaScript.
- **Cancer Detection Model:** Created a cancer detection ai model using Python libraries as a Project with over 95 percent accuracy, the model helped detect and identify breast cancer in women .
- **BlockCraft:** Developing an online examination platform which provides secure environment using penetration testing and also safeguard the students marks and its transfer using Blockchain Smart Contracts.

## Skill Demonstration

- **Full-Stack Development:** Experienced in full-stack web development with hands-on involvement in multiple projects; currently expanding knowledge and exploring advanced frameworks and tools.
- **Problem Solving & DSA:** Solved several LeetCode problems and DSA-based challenges; committed to ongoing practice and sharpening algorithmic thinking.
- **AI Tools & Prompt Engineering:** Well-versed in the use of a wide range of modern AI tools; proficient in crafting effective prompts with a strong command of prompt engineering techniques.
- **Tech Fluency:** Possess a solid grasp of modern technologies and development trends, continuously learning and adapting to stay ahead in the tech landscape.

## Certifications

- **Google — The Bits and Bytes of Computer Networking**  
Covered TCP/IP, DNS, HTTP, network security, and troubleshooting.
- **IIT Kharagpur — Marketing Analytics**  
Applied business analytics tools and storytelling to solve real-world marketing problems.
- **IIT Kharagpur (NPTEL) — Cloud Computing**  
Learned cloud architecture, distributed systems, and security fundamentals.
- **IBM — DevOps, Agile & Design Thinking**  
Built foundational skills in DevOps, Agile workflows, and user-centered solution design.
- **IBM — Blockchain Developer Fundamentals**  
Studied blockchain architecture, consensus models, and practical use cases.