

ABHINAV GUPTA

+91-8400293135 | [LinkedIn](#) | [GitHub](#) | abhiguptahmr@gmail.com

Education

VIT Bhopal University, Bhopal

B.Tech in Computer Science, Specialization in Cloud Computing

October 2022 – Present

GPA: 8.99 / 10.0

Mantora Public School, Kanpur

12th (CBSE)

2020 – 2021

Score: 83.2%

PDDUSDV, Kanpur

10th (CBSE)

2018 – 2019

Score: 91.2%

Experience

Supersite – Software Development Intern

July 2025 – Present

Construction Management Software

- Collaborated with the engineering team to validate **UI implementations** against **Figma designs**, ensuring **pixel-perfect alignment** and adherence to design standards.
- Performed **functionality checks** across key modules of the construction management platform to identify inconsistencies and suggest improvements.
- Gained hands-on experience in analyzing **frontend workflows** and understanding **user-centric design** in a production environment.

Projects

VyaaparMitra | *Next.js 15, Strapi v5, ShadCN UI, TailwindCSS*

[GitHub](#)

- Developed an **ERP** application with secure authentication, **JWT-based authorization**, and **role-based permissions**.
- Built backend APIs using **Strapi v5**, enabling content management and seamless integration with the frontend.
- Implemented inventory, product, category, and **POS modules** with advanced filters, pagination, and invoice generation.
- Created interactive **admin dashboards** with real-time analytics using **ShadCN UI**, boosting decision-making speed by 20%.

Blogfinity | *MongoDB, Express, ReactJs, NodeJs, TailwindCSS*

[GitHub](#)

- Built a scalable blog platform with **authentication using JWT** and **role-based access control** for admins and users.
- Integrated **Axios** for efficient frontend-backend communication and managed state using **React hooks** and **Context API**, improving user responsiveness by 30%.
- Designed a fully responsive and accessible **UI** using **Tailwind CSS**, achieving excellent Lighthouse accessibility score.
- Developed secure **RESTful APIs** with Express and Mongoose to enable multiple CRUD operations per sec.

HCV Detection | *Python, Scikit-Learn, RandomForest, Flask*

[GitHub](#)

- Cleaned and transformed large medical datasets, reducing null and inconsistent data by **100%** using pandas and NumPy.
- Trained a **Random Forest classifier** achieving **93.5% accuracy** using **GridSearchCV** on 500+ patient records.
- Deployed a robust prediction function for real-time medical input, enabling smooth web or software integration.
- Designed a **RESTful API** in **Flask** for real-time predictions, handling 12 input parameters per request.

Technical Skills

Languages: C/C++, SQL, JavaScript, HTML/CSS

Frameworks: React, Node.js, MongoDB, Tailwind CSS

Developer Tools: Git, GitHub, VS Code, Postman, AWS(beginner)

Relevant Coursework: Data Structure and Algorithms, Object Oriented Programming, DBMS, Computer Networks

Extracurriculars and Achievements

- Ranked in the **top 10%** among 15,000+ teams in the **Amazon HackOn** national coding competition.
- Solved over 500 problems on **LeetCode**, **GeekForGeeks**, and **Codeforces**, strengthening problem-solving skills.
- Completed **HTML, CSS, JavaScript for Web Developers (Coursera)** and **Machine Learning A-Z (Udemy)**.
- Engaged in hobbies including videography, video editing, gaming, and analytical problem solving.

Positions of Responsibility

iOS Club, VIT Bhopal – Volunteered in conducting many big technical events attended by hundreds of participants.

Photography and Movie Making Club, VIT Bhopal – Created content for the university's official Instagram handle.