

ABHINAV GUPTA

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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 Engineering Intern

July – August 2025

Construction Management Software

- Contributed to the React project using Hooks, ShadCN UI, and Tailwind CSS, improving responsiveness and maintainability.
- Developed and debugged **RESTful** APIs in Express.js, using **Postman** for testing to ensure efficient data flow and reliable backend–frontend connectivity.
- Enhanced UI/UX by resolving **Figma** design inconsistencies and collaborating with cross-functional teams, delivering pixel perfect, user-centric features that improved usability and consistency.

Projects

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

[GitHub](#)

- Developed a scalable **SaaS-based** Inventory Management **ERP platform** with responsive architecture using **ShadCN UI**.
- Implemented secure authentication using **NextAuth.js** (Credentials), **JWT-based** authorization, and **role-based access controls** to ensure robust data security and controlled feature access.
- Built backend APIs in **Strapi v5** with custom content types, granular permission layers, and optimized database transactions.
- Created inventory, product, category, and **POS modules** with filters, invoicing, and real-time dashboards for better insights.

GreenQueue | *Next.js, AWS SDK, Climatetrace API, TailwindCSS*

[GitHub](#)

- Integrated **AWS Pricing API** by configuring **IAM** user access permissions and securely managing API credentials through environment variables for safer deployment.
- Built functionality to fetch and process **region** and **pricing data** from user inputs, helping users select cost-effective regions.
- Combined AWS pricing with **Climatetrace API** to recommend regions with lower CO2 emissions for eco-friendly scheduling.
- Designed components for service selection, input validation, and region recommendations, ensuring a smooth user experience.

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

[GitHub](#)

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

Technical Skills

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

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

Developer Tools: Git, GitHub, VS Code, Postman

Relevant Coursework: Data Structure and Algorithms, Object Oriented Programming, Database Management System

Extracurriculars and Achievements

- Secured a global rank of **1910** out of **34,694 participants** solving 3 out of 4 problems in LeetCode Biweekly Contest 163.
- Achieved a **LeetCode** rating of **1644** by solving over **500** problems on Data Structures, improving problem-solving skills.
- Ranked in the **top 5%** among 15,000+ teams in the **Amazon HackOn** coding challenge, showcasing strong coding skills.
- Completed **HTML, CSS, JavaScript for Web Developers** (Coursera) and **Machine Learning A-Z** (Udemy).

Positions of Responsibility

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

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