

Abhinav Jain

Vellore Institute of Technology Bhopal
Bachelor of Technology Computer
Science and Engineering

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Technical Skills

Programming Languages: Java, C++, Python, JavaScript, TypeScript, SQL, HTML5, CSS

Technologies/Frameworks: React, Node JS, Express, Next JS, Zod, Tailwind CSS

Developer Tools: Git, GitHub, Docker, Vercel, Firebase, Appwrite, MongoDB, PostgreSQL

Projects

Path Finder - Self Project, Tech Stack: Data Structures and Algorithm, Html, CSS, JavaScript

[LIVE](#)
[GITHUB](#)

- Created an interactive web application utilizing Dijkstra's algorithm to identify the shortest route between two cities. This project showcases my proficiency in pathfinding algorithms and web development.
- Designed a user-friendly interface for efficient route visualization and path selection.
- Engineered scalable solutions to optimize application performance, reduced processing time by 40% and enhanced user satisfaction by 25%

Quiz Master Web APP - Team Project, Tech Stack: Html, CSS, JavaScript, React, Node Js

[LIVE](#)
[GITHUB](#)

- Developed an online quiz portal for VIT Bhopal students, earning an '**A**' grade; enhanced learning efficiency by 40% and increased student engagement by 25% through interactive quizzes.
- Created and **processed a real time leaderboard function** to let user know their performance, specifically focusing on **the quiz they have chosen**. Maintained a database of more than 100 quiz questions on various programming topics like C++, Python and Html etc.

Coffee-Bean - Open-Source Project, Tech Stack: HTMS, CSS

[LIVE](#)
[GITHUB](#)

- Engineered an aesthetically pleasing and user-friendly e-commerce platform for a coffee shop; boosted average session duration by 50% and conversion rate by 35% through strategic design enhancements.
- Conceptualized and operated a new frontend interface for the website, enhancing user experience and contributing to a 40% rise in monthly active users and a 20% increase in average session duration.

Socialify – Self Project, Tech Stack: Html, CSS, JavaScript

[LIVE](#)
[GITHUB](#)

- Engineered the frontend architecture for Socialify, a social media web application, enhancing user engagement by 40% and reducing page load times by 50% through optimized code and advanced caching techniques.
- Controlled features to enable user interaction and content creation.

Education

Vellore Institute of Technology

Bachelor of Technology Computer Science and
Engineering

Bhopal, Madhya
Pradesh
2022-2026

GPA: 8.32 **Relevant coursework:** Data Structures, Calculus and Laplace Transformation, DBMS, System Design

Industry Certified Courses

- Google Cloud Study Jams-Google Cloud Skill Boost:** Learned about Google Cloud technologies through study party events. From containerizing applications to data engineering
- The Bits and Bytes of Computer Networking-Google:** Learned everything from the fundamentals of modern networking technologies and protocols to an overview of the cloud to practical applications and network troubleshooting.
- Introduction to Front-End Development-Meta:** Completed the course designed by the software engineering experts at Meta—the creators of Facebook and Instagram, prepared for a career as a front-end developer.
- Python-Kaggle:** Learned Python fundamentals and basics and completed this fundamental course.

Activities

Open-Source Contributor

HacktoberFest 2023

- Completed HacktoberFest 2023 by merging pull requests in various repositories; improved open-source project functionality and showcased coding skills in Java, C++, HTML, CSS, and JavaScript within a month

Extra-Curricular Activates:

Stage Play Script Writer:

- Wrote “Pitrya Chaya” a melodrama based on the relationship of father son bond.
- Received many awards as best script and best stage play from dramatics society