

Devansh Jadon

(+91) 8839736108 | devanshjadon22@gmail.com |

Education

VELLORE INSTITUTE OF TECHNOLOGY , Bhopal

2022-2026

B-TECH IN COMPUTER SCIENCE

CGPA:8.48/10

Relevant Coursework: Computer Science fundamentals, Network Programming (TCP/IP protocols), Object Oriented Programming, Databases, Discrete Mathematics, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning

Project Work

- 1) Patient Health tracker** - Self Project, Tech Stack: React, JavaScript, Node.js, Express, MongoDB, Git, Axios,
 - Developed a full-stack AI-powered health tracking system focused on mental health support, with 95% data accuracy for tracking and managing health data.
 - Crafted and implemented user-friendly interfaces in React for features like patient registration, health record viewing, and appointment scheduling, which boosted user engagement by 30%.
 - Automated patient reminders using node-cron and Nodemailer, resulting in 40% more timely follow-ups and increased appointment adherence.
 - Integrated a MongoDB database with Mongoose to securely store and manage user health data, improving data retrieval speeds by 25%.
- 2) Path Finder** - Self Project, Tech Stack: Data Structures and Algorithm, Html, CSS, JavaScript
 - Developed an interactive web application leveraging Dijkstra's algorithm to determine the shortest route between two cities.
 - Demonstrated proficiency in pathfinding algorithms and web development through this project.
 - Architected an intuitive interface for seamless route visualization and selection, significantly improving user experience and accessibility.
 - Optimized application performance, reducing processing time by over 40% and boosting user satisfaction by more than 30%.
- 3) Quiz Master Web APP** - Team Project, Tech Stack: Html, CSS, JavaScript, React, Node Js
 - Build an online quiz portal for VIT Bhopal students, earning an 'A' grade, boost learning efficiency by 40% and boost student engagement by 25% through interactive quizzes.
 - Designed and implemented a real-time leaderboard function that tracks user performance on selected quizzes, leading to grew user engagement by 40% and enhancing overall satisfaction scores by 15%.
 - Maintained a database of more than 100 quiz questions on various programming topics like C++, Python.

Technical Skills

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

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

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

Industry Certified Courses

1. **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 applications and network troubleshooting.
2. **Introduction to Front-End Development-Meta:** Completed the course produced by the software engineering experts at Meta—the creators of Facebook and Instagram, prepared for a career as a front-end developer.
3. **Cloud Computing -NPTEL:** This course introduced various aspects of cloud computing, including fundamentals, management issues, security challenges and future research trends. course.