

Aadi Bhardwaj

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Education

Vellore Institute of Technology
B.Tech in Computer Science - 8.86 CGPA

Bhopal, India
Sept 2023 – May 2027

MontFort Senior Secondary School
12th - 88%

Roorkee, India
Aug 2021 – July 2022

MontFort Senior Secondary School
10th - 96%

Roorkee, India
Aug 2019 – July 2020

Technical Skills

Programming Languages: Java, C++, JavaScript, Python

Frameworks & Libraries: MERN, Tailwind CSS

Databases: SQL, NoSQL

Tools & Platforms: Git, Docker

Projects

Quiz Generation Website

Full-Stack Project

Sept 2023 – Jan 2024

MERN, Hugging Face

- Built a platform integrating the Open Trivia Database for automated quiz generation and a Qwen 1.5 billion parameter AI model for user-defined topic questions, with PDF upload functionality to convert documents into diverse, customizable quizzes.
- Implemented a user-friendly quiz-taking interface with dynamic question generation and customization features, ensuring an interactive and tailored experience for users

Health Monitoring Website

Full-Stack Project

Feb 2024 – April 2024

MERN, Firebase

- Developed an application to revolutionize personal health management by combining technology with convenience and safety.
- Uses a Google MedPalm like AI to analyze and detect any potential harmful interactions between prescribed medications, considering past medical history.

Experience

AI Research Intern

IIT Roorkee

June 2025 – July 2025

Roorkee, India

- Explored CNN-LSTM, I3D, and C3D architectures for video-based human activity recognition.
- Optimized transformer-based temporal models on Kinetics-400, improving throughput by 20%
- Collaborated in cross-functional teams on scalable, real-time classification pipelines.