

Aadi Bhardwaj

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SUMMARY

Passionate Full-Stack Developer skilled in leveraging the MERN stack for comprehensive front-end and back-end web application development. Adept at designing and implementing robust, scalable solutions to complex challenges. Eager to contribute to dynamic teams and build impactful, user-focused web applications.

TECHNICAL SKILLS

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

Frameworks & Libraries: React, Node.js, Express.js, MongoDB, Tailwind CSS

Databases: SQL, NoSQL

Tools & Platforms: Git, Docker, AWS (EC2, S3)

PROJECTS

Quiz Generation Website

Sept 2023 – Jan 2024

Full-Stack Project

HTML, CSS, JavaScript, Node.js, Express.js, 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 Application

Feb 2024 – April 2024

Full-Stack Application

React.js, Node.js, Express.js, Firebase, MongoDB, Tailwind CSS

- 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

June 2025 – July 2025

IIT Roorkee

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.

EDUCATION

Vellore Institute of Technology

B.Tech in Computer Science

Bhopal, India

Sept 2023 – May 2027

MontFort Senior Secondary School

12th

Roorkee, India

Aug 2021 – July 2022

MontFort Senior Secondary School

10th

Roorkee, India

Aug 2019 – July 2020

CERTIFICATIONS

- Responsive Web Design
- Postman API Fundamentals Student Expert