Aditya Kumar

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Education

ABES Engineering College
Bachelor of technology, *Information* technology. *CGPA: 7.03*

Ghaziabad
Dec 2022 - Present

Modern Era Public School, Bijnor
Higher Secondary(12th), Percentage: 88.5%

Bijnor
Mar 2021

Projects

NeoShop - E-Commerce Web Application

Tech Stack: React.js, Node.js, Express.js, MongoDB, Redux, Stripe API, Tailwind CSS, JWT, bcrypt

- Built fully functional e-commerce platform with product listings, shopping cart, and secure checkout.
- Created responsive design with Tailwind CSS ensuring optimal user experience across devices.
- Developed admin dashboard for product management and integrated Stripe payment gateway.

HeyThere! - Real-Time Chat Application

Tech Stack: React.js, Node.js, Express.js, MongoDB, Socket.io, Authentication

- Developed real-time messaging platform supporting one-on-one and group communications.
- Implemented WebSocket connections using Socket.io for instant message delivery.
- Built user authentication system with profile customization capabilities.

Job Portal Platform

Tech Stack: React.js, Node.js, Express.js, MongoDB, Redux, Search & Filter

- Developed comprehensive job portal connecting employers with potential candidates.
- Implemented advanced search and filter functionality by category, salary range, and location.
- Built application tracking system allowing candidates to monitor their job application status

MockMate -Smart Interview Prep App

Tech Stack: React.js, Node.js, Express.js, MongoDB, Socket.io, WebRTC, OpenAI API, Whisper API, Authentication

- Developed an AI-powered mock interview platform enabling real-time Q&A with a virtual interviewer.
- Integrated **speech-to-text (Whisper API)** for capturing user responses and **GPT** for generating adaptive interview questions and feedback.
- Implemented **WebRTC + Socket.io** for real-time interview simulation with voice-based interactions.
- Built feedback system providing **automated evaluation reports** on clarity, content quality, and confidence.

Technical Skills

- **Languages** : C/C++, Python, JavaScript, TypeScript
- **Frameworks** & **Libraries:** React.js, Node.js, Express.js
- **Concepts:** REST APIs. 3WT Authentication, NVC Architecture

- **Databases:** MongoDB (Atlas & Compass)
- **Tools:** Git, GitHub, Postman, Firebase, Clerk, Vercel,Render

Additional Skill

- Team Collaboration
- Problem Solving
- Time Management
- Communication
- LeaderShip

Extra

Freelance Video Editor & Travel Content Creator – Produced travel content and client projects with strong visual storytelling.

Creative Head, Minerva (Literature Society) – Led creative campaigns and managed event content.

Joint Secretary, Photography Club – Organized events/workshops and contributed to event coverage.