ADITYA SHARMA

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EDUCATION

ABES Engineering College, Ghaziabad — *Nov 2022 - Present*
Bachelor of Technology — *Current CGPA: 8.05*
Computer Science and Engineering

KV Kamla Nehru Nagar, Ghaziabad — *Jun 2022*
Senior Secondary Education — Overall Percentage: 89.6

EXPERIENCE

Programming Pathshala – Full-Stack Developer Intern (On-site) — Jun 2025 to Jul 2025
- **Engineered and deployed a full-stack application** leveraging **React.js and Node.js**, incorporating AI-driven functionalities that served **over 50+ users**.
- **Architected and optimized RESTful APIs and database queries**, boosting backend throughput by **25%**.
- **Applied AI engineering techniques** into core features, enhancing model accuracy by **60%**.

Flukesys Global – Software Development Engineer Intern (Remote) — Mar 2025 to May 2025
- **Refined front-end architecture** by refactoring React.js components, cutting page load time by **18%**.
- **Constructed reusable UI modules** and fortified access via **Firebase Authentication**, securing **100+ users**.
- **Optimized development workflow** by debugging, testing, and deployment, reducing production bugs by **70%**.
- **Coordinated cross-functional teams** using **Agile methodologies and Git workflows**, accelerating feature rollout by **15%**.

PROJECTS

StackShifter - React & Next.js Migration Tool — GitHub
- **Spearheaded an automated migration utility** converting legacy CRA/Vite apps to **Next.js**, achieving over **85% code conversion accuracy**.
- **Overhauled application routing** using **ASTs and Babel**, reducing manual updates by **70%** and boosting maintainability.
- **Delivered an 80% faster migration pipeline** with a Node.js **CLI** for instant NPM deployment.

Mental Health Assistant ChatBot — GitHub
- **Engineered a conversational AI chatbot** by fine-tuning **GPT-3** on **10,000+ curated dialogues**, producing highly empathetic, context-aware responses.
- **Enhanced model performance**, achieving **20% higher emotional accuracy** and **30% faster response times**, validated via user testing.

Course Registration System with Admin Panel — GitHub
- **Built a registration form** with **React** and **Framer Motion**, enabling seamless real-time **Firebase** sync.
- **Secured data integrity** with client and server-side validation for **100+ student submissions**.
- **Designed a secure admin dashboard** with advanced search, filtering, and real-time update features for efficient record management.

ACHIEVEMENTS

- Achieved a global rank of **272 out of 38,103 and 246 out of 37,000 participants** in LeetCode Weekly 460 and Biweekly Contest 162 respectively, placing in the **top 0.7%**.
- Reached a peak LeetCode rating of **2085 (Top 1.6% globally)** and solved **700+ algorithmic problems** across LeetCode and CodeForces.
- Secured consistent rankings within the **top 1000 in LeetCode global contests**, showcasing advanced competitive programming skills.

TECHNOLOGIES

Programming Languages: C++, JavaScript, Python.
Web Development: React.js, Node.js, MongoDB, Firebase, Express.js, HTML, CSS, MySQL.
Tools Platforms: Git, GitHub, Google Cloud, Postman, Vercel, Render.