TANVI MANDHAN

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EDUCATION

INSTITUTE OF ENGINEERING AND TECHNOLOGY,LUCKNOW　　　　　2022 - 2026

Bachelors in Computer Science And Engineering (GPA:9.11/10)

Coursework:

Software Engineering	Computer Networks
Database Management System	Artificial Intelligence

ACCOMPLISHMENTS

CAREER COACH PLATFORM

- Developed a Full Stack AI-Powered Career Coach platform using React.js, Next.js, and Tailwind CSS, with NeonDB as the database and Prisma ORM for efficient data management. Integrated Clerk for secure authentication and Inngest for background task automation.
- Leveraged Google Gemini API to provide intelligent career assistance features, including a dynamic resume builder, industry-specific mock interview tests, and automated cover letter generation. The project features modern UI components powered by Shadcn/UI for an intuitive user experience.

AI DEVELOPER GITHUB TOOL

- Currently building a RAG-powered platform where users query repositories using semantic search (LangChain vector embeddings stored in PostgreSQL). and Enabled context-aware AI responses (Gemini) about code/commits by searching vectorized repo documentation.
- Built meeting summarization with persistent searchable history using embedded transcripts Designed secure auth and role-based access, with a responsive UI using Shadcn and type-safe APIs via tRPC and Collaborative features like saved meetings.

FOOD DELIVERY WEBSITE

- A MERN-stack clothing delivery website built using React.js as frontend and Node.js/Express as backend, UI with Tailwind CSS and secure authentication with mongoose and bcryptJS,seamless payment gateway and MongoDB as database.
- Filtering items based on their category,real-time order tracking,order management, admin panel handling.

ACHIEVEMENTS

- 500+ Problems solved on **LEETCODE**
- 500+ Problems solved on **CODEFORCES**(Pupil)
- 200+ problems solved on **CODECHEF**(3 star)
- Secured 326 rank among 25000+ participants in an online coding contest held on codechef.
- Secured under 35 rank in howzat contest held on hackerrank.
- Secured 2nd Rank in Internal Hackathon 2023 (Smart India Hackathon).
- Certifications: Full stack web development(Udemy), Generative AI Virtual Experience (Forage), Technology Consulting Virtual Internship (Deloitte)

TECHNICAL SKILLS

- Languages:c++/c/Python/SQL
- Frontend:React.js,Next.js,Tailwind CSS,HTML,Javascript,Shadcn
- Backend:Node.js,Express,MongoDB,MySQL,FireBase,PostgreSQL,Bootstrap
- AI/ML:Langchain,RAG,Generative AI,OpenAI APIs,claude,Gemini
- Data structures and Algorithms and Problem solving Skills
- Developement tools:Visual Studio code,Sublime text,Github,Vercel

EXTRA-CURRICULAR ACTIVITIES

- Class representative of Computer science and engineering branch in BTECH stream in IET LUCKNOW.
- An active Member of INSANIAX:The Dance club,IET LUCKNOW.
- An active listener with good interpersonal skills.