Tanmay Mitra

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Skills

- C | C++ (Object Oriented Programming) | Python | JavaScript | TypeScript | NodeJS | HTML | CSS
- React | NextJS | Bootstrap | Tailwind CSS | Express | Flask (Python) | FastAPI (Python) | WordPress
- MySQL | PostgreSQL | MongoDB | Git & GitHub | Docker | Azure | AWS | Excel | Power BI
- Data Structures | Algorithm | Cloud Computing | Data Science | Machine Learning

Experience

Frontend Developer (Remote)   **Turing**   **09/2024 – 07/2025**

- Trained AI models through code and response evaluation (RLHF) using JavaScript, React, NextJS, Tailwind CSS etc.

Software Engineer (Remote)   **Verification Studio**   **07/2023 – 04/2025**

- Contributing to the development of software and applications for the company.

Data Analyst (Freelance)   **Upwork**   **11/2022 – 03/2023**

- Executed multiple data analysis, Python, and complex SQL projects tailored to client requirements.

Web Developer (Remote)   **JIB Enterprises LLC**   **03/2018 – 12/2021**

- Developed web applications using the MERN stack.
- Designed and developed multiple websites and funnels across various platforms such as WordPress, GHL, and CF.
- Provided guidance and instructions to team members, ensuring project completion success.

Education

Bachelor of Engineering   **Chandigarh University,** Punjab, India   **07/2021 – 06/2025**

- Major in Computer Science and Engineering with Specialization in Artificial Intelligence and Machine Learning.

Projects

- Timing Signal Diagram Generator: Developed a web application using React for the frontend and Google Cloud Functions for the backend to generate UML timing diagrams.
- Personalized Documentation Website: Built using NextJS for both frontend and backend, integrated a CMS with user authentication. Implemented SEO best practices to enhance discoverability.
- Mixed Signal Verification Software: Developed a complex mixed signal verification tool using React for the frontend and Python FastAPI for the backend. Integrated LLMs.

Certifications & Reccomendations

- **Microsoft Certifications**
  - Azure Fundamentals AZ-900
  - Azure AI Fundamentals AI-900
  - Azure Data Fundamentals DP-900
- Data Analyst Associate Certified - Datacamp
- Python for Data Science - IBM
- SDP Program on Advance Excel with Data Analytics - ICT Academy, IIT Kanpur
- Letter of Recommendation - JIB Enterprises LLC

Achievements & Others

- **AWS DeepRacer Student League 2023-24**
  - Top Finisher in Asia Region and First in Country (Got prize for this achievement)
- **Codeforces**
  - Competitive problem solver.