Himanshu Dixit

Portfolio

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EDUCATION

Jaypee Institute of Information Technology, Noida Noida
B.Tech. in Computer Science & Engineering; **CGPA: 9.20** *(Present)*

EXPERIENCES

- **Fidelity International** (Gurugram)
  Technology Intern – Full Stack Developer *(June 2024 – July 2024)*
  - Worked on a Client Service project involving **real-time call transcriptization** to analyze agents interaction with clients and provide training to enhance **business scalability, reduced costs by 60%, and increased profitability.**
  - This project saves a lot time by reducing each transcript **evaluation time from 30 min to under 2 min**.
  - Created APIs to perform various operations, such as **generating responses from GPT-Turbo 3.5** and retrieving data for display in the UI.
  - Developed **Lambda function** to store prompts and attributes and **LLM configurations** in a **Snowflake database**.
  - Implemented **Terraform code to trigger a Lambda function** that sends an email at midnight by a nightly alarm of AWS.
  - Tech Stack **– TypeScript, React JS, Python, ML, Terraform, AWS, JIRA.**

PROJECTS

- **JIIT Placement Portal** – Launched a simplified form system for the TNP Department for achieving a **streamlined process that has improved submission accuracy by 100% and reduced errors, auto fill feature which saves time**.
  - The website includes **Autofill form**, **Applications list** in one place, opening search, carousel, & more.
  - Created APIs for handling multiple task which increasing efficiency by 60% and reducing manual effort by 50%.
  - Developed APIs for viewing openings in a precise manner and a reminder email that notifies students to fill out the form 24 hours before the due date ensuring to fill form on time with a 80% higher response time.
  - Tech Stack: **ReactJS, Tailwind CSS, NodeJS, ExpressJS & MongoDB.**

- **WearNCode** – A web-based clothing store app where users can buy coding-themed apparel, add items to their cart, and proceed to checkout.
  - API made for fetching data based on user **Authenticated logins**, as well as adding, deleting, and updating data by the admin.
  - **Server-side rendering** was used to speed up the web application, making it easier to use and navigate.
  - Tech Stack: **NextJS, Tailwind CSS, JWT and bycryptJs, MongoDB.**

CORE SKILLS

- **Programming Languages:** C/C++, Python, JavaScript, Typescript
- **Frontend & Backend Development:** HTML/CSS, Tailwind CSS, Bootstrap, React JS, Next JS, Node JS, Express JS
- **Version Control:** Git, GitHub, VScode (Code Editor)
- **Database:** MySQL, MongoDB
- **Relevant Coursework:** Data Structure and Algorithms, Operating Systems, OOPs, Database Management System

ACHIEVEMENTS / CERTIFICATIONS

- **Publication of Conference Paper at the 5th ICESC – 2024** Implemented an application that predicts mental health based on day-to-day activities or social media post captions.
- **JSCOP-23 Ideathon** Secure 2nd position in On-campus Hackathon organized by Optica.
- International Mathematical Olympiad Secure **International Rank-153 Zonal Rank-9.**
- Solved 1500+ Questions in **Codechef(3 ⭐), Codeforces(Pupil), HackerRank(5 ⭐), Leetcode.**