Meghal Bothra

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Experience

TALENTITAN — Machine Learning Intern (October 2023 – December 2023)

- **API Development:** Led the development of RESTful APIs using FastAPI in Python, integrating advanced machine learning functionalities into production systems.

- **Authentication Implementation:** Implemented robust HTTP basic authentication to secure access for multiple users, ensuring the protection of sensitive data.

- **Optimization and Feature Integration:** Optimized API performance through asynchronous request handling and efficient data access strategies, while integrating machine learning features such as face detection, image similarity, and content moderation.

RedyHire — Fullstack Development Intern (June 2024)

- **Comprehensive Chatbot Development:** Leading the development of an interview chatbot system using generative AI, encompassing both frontend and backend components.

- **Backend :** Implementing RESTful APIs and business logic with FastAPI in Python, focusing on efficient data handling and integration of AI capabilities.

- **Frontend :** Designing and implementing user-friendly interfaces and interactive components using React, enhancing usability and user experience of the interview chatbot.

Projects

Blood Donation and Transfusion App (Frontend)

- **Frontend Development:** Developed a blood donation and transfusion app using React.js, enhancing interactions between donors and recipients.

- **Responsive Design:** Ensured optimal accessibility across various devices, supporting over 10 different screen sizes.

- **Feature Incorporation:** Integrated a notification system and an interactive map, improving user interaction.

Expense Tracker (Fullstack)

- **Full-Stack Development:** Led the development of an expense tracker app using React for the frontend and Node.js with Express for the backend, integrated with MySQL for data storage.

- **User-Centric Design:** Implemented a user-centric design approach, enhancing user satisfaction and usability.

- **Feature Incorporation:** Integrated essential functionalities such as expense logging, categorization, reporting, and notification settings for comprehensive expense management.

- **Enhanced Functionality:** Developed additional features including expense limit setting, goal tracking, reminder settings, and robust search and filtering capabilities.

Education

JORHAT ENGINEERING COLLEGE — B. Tech Computer Science and Engineering
(2021 - 2025) — CGPA: 8.06
COTTON UNIVERSITY — Higher Secondary 10+2 (AHSEC)
(2019 - 2021) — Percentage: 93%

Skills

C • C++ • JavaScript • React.js • Node.js • Express.js • Python • MySQL • Git • Tailwind CSS • FastAPI