Pranjal Das

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EDUCATION

Assam downtown University | Bachelor of Technology in Computer Science — Guwahati, Assam | 2020-24

- CGPA: 8.44

SKILLS

Languages & Databases: HTML, CSS, JavaScript, TypeScript , Reactjs, Nextjs, MongoDB, Expressjs, SQL

Soft Skills: Teamwork, Leadership, Communication

EXPERIENCE

Techplement | LINK — **Sep 2024 – Oct 2024**

Intern — *Remote*

- Developed a fully functional e-commerce website using MERN stack.
- Worked on backend development, including API creation, database management, and authentication.

Indian Oil Corporation Limited — **Dec 2023 – Jan 2024**

Intern — *Guwahati, Assam*

- Developed a real-Time Speech-to-Text Recognition & Summarization system using Machine Learning.
- Utilized Python and Scikit-learn for model training and validation to enhance accuracy and efficiency.

Assam Power Distribution Corporation Limited | LINK — **Jul 2023 – Aug 2023**

Intern — *Guwahati, Assam*

- Lead and developed a grievance portal using Angular, Django and MongoDB.
- Implemented user interface components and backend functionalities.

PROJECTS

Runicx, E-Commerce Website | LINK

Full-Stack Web Application (NextJs, MongoDB, TypeScript, Tailwind)

- Built a role-based e-commerce platform with features like add to cart, wishlist, order placement, and product filtering.
- Integrated Cloudinary for image uploads and used Redux for efficient state management.
- Designed a responsive and optimized UI with Tailwind CSS for a seamless user experience.

Edumentor, Teacher Appointment Booking Website | LINK

Full-Stack Web Application (React, Express, MongoDB, JavaScript, Tailwind)

- Developed a full-stack web application for students to book appointments with teachers and message them directly.
- MongoDB, Express.js, React.js, Node.js, JWT authentication, Cloudinary (for image uploads), React Toastify (for notifications).

An Expert System to Early Diagnosis of COPD using Machine Learning | LINK

B.Tech Final Year Project

Lead and developed a machine learning model using data preprocessing, classifier selection, and Ensemble Learning, achieving 80% accuracy in detecting COPD severity. Built the backend and model integration for the web application using Python, ensuring efficient data processing and prediction.