

Abhishek Talukdar

Frontend Developer

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Profile

Computer Science graduate with a strong foundation in data structures, algorithms, and full-stack development. Proficient in JavaScript, Python, and SQL, with experience in building web applications. Passionate about problem-solving and eager to contribute to a dynamic software development team.

Skills

— Python | Fullstack Development, | Javascript | Object Oriented Programming | Data Structures And Algorithms | React.js

Projects

09/2025

Topmind Care – Responsive Landing Page

TopMind is a responsive and modern landing page built for SpeakGenie as part of an internship project.

- Built with **Next.js 15** for fast, server-side rendering and optimized performance
- Fully responsive design ensuring seamless experience on mobile, tablet, and desktop
- **Modern UI** with animations and transitions for smooth user interaction
- Strict **TypeScript** integration for type safety and maintainability
- Deployed and tested for accessibility and cross-browser compatibility

09/2023 – 04/2024

Lung Cancer Detection System

Developed an automated system for early detection of lung cancer using advanced machine learning algorithms and deployed it as a MERN stack web application. The system aims to assist healthcare professionals by analyzing medical imaging data, improving diagnostic accuracy, and enabling timely interventions.

- Designed and trained ML models for accurate lung cancer classification using **Python** (NumPy, Pandas, Scikit-learn, TensorFlow/PyTorch).
- Processed and pre-processed medical imaging datasets (CT scans/X-rays) to improve prediction performance.
- Integrated ML model with a **MERN stack** web application for real-time inference and easy accessibility.
- Built an intuitive and **responsive UI** for healthcare professionals to upload scans and view predictions.
- Achieved significant **accuracy** improvements through **hyperparameter tuning** and model optimization.
- Deployed the application for testing, focusing on **scalability** and **usability** in a healthcare environment.

Education

09/2020 – 09/2023

Guwahati, India

B. Tech Computer Science & Engineering

Don Bosco College of Engineering and Technology ☑

Certificates

- Programming With JavaScript
- Introduction to Front-End Development