

Himanshi Prakash

✉ himanshiprakash24@gmail.com

☎ 8586853868

in himanshiprakash2411

Education

Netaji Subhas University of Technology

Dwarka, India

Bachelor of Technology in Computer Science and Engineering

2021 – 2025

- CGPA: 7.87
- **Relevant Coursework:** Data Structures and Algorithms, Web Development, Operating Systems, Database Management Systems, High-Performance Computing, Computer Architecture, Machine Learning, Software Engineering, Internet of Things

St. Thomas' Girls Senior Secondary School

Mandir Marg, New Delhi

Central Board of Secondary Education (CBSE)

- Class XII 95.6% (2020 - 2021)
- Class X 94.2% (2018 - 2019)

Work Experience

Product Intern

Noida, India

Adobe

June 2024 – July 2024

- Designed and developed a user interface currently utilized by the Adobe Connect team for analyzing upcoming events, enhancing event scheduling, and monitoring capacity utilization, providing seamless access to vital data insights.
- Optimized data rendering processes, achieving an impressive 80% reduction in query writing time; this enhancement led to faster access and analysis of past and upcoming events.
- Built dashboard from the ground up using Java Spring Boot for a robust backend and React for frontend.
- Deployed the entire application on an AWS instance, facilitating real-time access and utilization for the team.

Technologies

Programming Languages: C++, Java, Python, SQL, HTML, CSS, JavaScript

Libraries/ Frameworks: React, Spring boot, Bootstrap, AWS

Tools/Platforms: Git, VS Code, Docker

Projects

COVID Vaccine Twitter Sentiment Analysis using NLP

Python, NLP

- Utilized NLP to analyze COVID-19 vaccine tweets, achieving a 92% accuracy rate, which provided actionable insights into public sentiment.
- Conducted sentiment analysis on 12,000 tweets about Covishield, Covaxin, and Sputnik vaccines.
- Performed state-wise sentiment analysis and provided visual insights, revealing Covishield had 70% positive feedback

Accident Detection and Notification System

Python, Tensorflow, CNN

- Trained a Convolutional Neural Network (CNN) model to analyze CCTV footage for accident detection, achieving 88% accuracy in distinguishing between accident and non-accident scenarios.
- Integrated a real-time notification system to alert authorities immediately upon accident detection, enhancing communication efficiency.
- Improved emergency response times by an average of 30 minutes and potentially reduced fatalities by 60% through timely alerts and interventions.

IoT-based Smart Suitcase

Arduino IDE, IOT

- Built a smart suitcase equipped with sensors and Bluetooth connectivity for secure, hassle-free travel, interfacing with a mobile application.
- Implemented theft, malicious activity, and mishandling detection using ESP32 as the main MCU, incorporating automated weighing and locking functionalities.

Certifications

- **Fundamentals of Deep Learning, NVIDIA:** Completed an in-depth course covering the core principles and techniques of deep learning.
- **The Web Developer Bootcamp, Udemy:** Gained comprehensive knowledge in full-stack web development, including front-end and back-end technologies.