MUHAMMAD AAHIL

2K22/SE/117
+91 9310092239
GitHub |LinkedIn

muhammadaahil_se22a12_25@dtu.ac.in

EDUCATION

B.Tech (Software Engineering)	2022-26	Delhi Technological University, New Delhi	8.07 (CGPA)
CBSE (Class XII)	2022	Good Samaritan School, Jasola, New Delhi	93.6%
CBSE (Class X)	2020	Good Samaritan School, Jasola, New Delhi	88.4%

INTERNSHIPS

AI Analyst Intern – GenAirate Technologies   *(Jan 2025- Present)*
- Developed a real-time multilingual chat app with automatic language translation using Google Translate API.
- Creating a browser extension to enable live translation during video calls (Google Meet, Zoom), removing the need for human translators.
- Tech stack: **React.js, Node.js, Express.js, MongoDB, Socket.io, Google Translate API, JavaScript, Chrome Extension APIs**.

Frontend Developer Intern – Vitalth Forges, DTU-IIF   *(Sep 2024 – Nov 2024)*
- Built a fast, responsive web application for digital integration of health and wellness services.
- Developed an intuitive ECG measuring interface and interactive dashboards for real-time health data visualization.
- Tech stack: **React.js, JavaScript, HTML, CSS, Node.js, REST APIs.**

ACADEMIC PROJECTS

DeepFake Detection System | Python, TensorFlow, Keras, OpenCV, Flask   (GitHub)
- Built a deep learning model using Convolutional Neural Networks (CNNs) to detect fake videos and images generated using DeepFake technology.
- The system analyzes facial expressions and inconsistencies in videos to determine authenticity.
- Integrated a Flask-based web interface allowing users to upload images, videos and get real-time detection results.

TruthXtract – Fake News Detection Platform | *Python, Transformers (BERT), NLP, Streamlit*   (Github)
- Developed an intelligent platform to detect fake news from text sources like tweets, captions, and headlines. Leveraged transformer-based models (BERT) for contextual text classification.

Real-Time Translation Chat Application | *React, Node.js, MongoDB, Socket.io, Google Translate API*   (Github)
- Designed and developed a real-time chat application that supports live translation of messages between different languages.
- Integrated Google Translate API to translate messages into the recipient's preferred language on-the-fly.

ACADEMIC ACHIEVEMENTS AND AWARDS

Winner, NatWest Hackathon 2024 (Link)
Developed a Deepfake Detection Model to combat fraud and misinformation; secured **1st place** among top-tier teams.
Finalist, TruthTell Hackathon 2025 (Link)
Reached the final round for innovative problem-solving and impactful tech-based solution delivery.
LeetCode Rating: 1600+ (Leetcode**)**
Consistently solving data structures and algorithm problems, solved more than 350+ questions across platforms.

SKILLS

Programming: Proficient in **C/C++, Python, Flask, JavaScript | Data Structures and Algorithms**
Web Development: HTML5 | CSS3 | Tailwind CSS | JavaScript | React.js | Node.js | Express.js
Database: MongoDB | MySQL | PostgreSQL
Machine Learning: TensorFlow | PyTorch | Scikit-learn | OpenCV | NumPy | Pandas | Matplotlib | Seaborn
Technical Tools: Git | GitHub | VS Code | StarUML | REST APIs | Jupyter Notebook
Deployment: Netlify | Vercel | Render | GitHub Pages
Coursework: Data Structures |Computer Networks | OS | DBMS |Algorithm Design and Analysis |Object Oriented Programming |Machine Learning
Soft-skills: Algorithm development | complexity analysis and optimization

POSITION OF RESPONSIBILTY EXPERIENCE

Co-Head at E-Cell | Entrepreneurship Society of DTU   *(October 23- Present)*
Organized E-Summit'24 which is attended by more than 40k+ students, onboarded sponsors, invited speakers for the event. Organized B-Plan, Innovate X Hackathon, Startup Weekend (powered by Google), Case Study, Keynote Sessions.