Aakash Gurumurthi

Contact

A-1803, Ace Aspire,
Greater Noida West, UP
201306
+91 7982391458
imaakash.gurumurthi@gmail.com

Skills

Python(Basic)
C/C++(Intermediate)
Java(Basic)
DSA in C/C++(Basic)
Flutter(Intermediate)
Node.js(Basic)
GPA 8.58

Summary

Highly-motivated student with desire to take on new challenges. Strong worth ethics, adaptability and exceptional interpersonal skills. Adept at working effectively and quickly mastering new skills.

Education

Aug 2023 – Present
Vellore Institute of Technology, Vellore
B. Tech Information Technology

- Completed Coursework in Python , C/C++, Java and DSA
- RoboVITics(Head of Events) and App Development Senior

March 2022- March 2023
Seth Anandram Jaipuria School, Vasundhara, Ghaziabad
Class 12th (Science)

- Studied Physics, Chemistry and Mathematics
- Scored 92% in CBSE Class 12th Board Examinations

Experiences

- NDA-151, SSB Recommended Candidate (2023)
- Developed multiple small-scale mobile applications including Xylophone, BMI Calculator, and Quiz App (Flutter).
- Completed a 4-week Industrial Internship at Centre for Railway Information Systems (CRIS), contributing to app pages for the IRCTC app using Flutter and Firebase Authentication for an Events Planner app.
- Built the front-end framework for "GreenyBee", a seller app for local plant sellers and nurseries.
- Awarded Best Electronics Team at Yantra Central Hackathon for developing an AI Fruit Quality Sorting System controllable via mobile app.

- Made an AI based Medical Report Analyzer that allows a user to upload XRays and Pathological reports and get inference about possible anomalies detected along with a severity score to recommend how soon to visit a doctor and what precautions to take in Multiple Regional Languages on a React Based Web Dashboard.
- Completed a 4-week Industrial Internship at DLF Ltd., where I solved a SQL case study and developed a data dashboard using HTML, CSS, JavaScript, PHP, and MySQL.
- Developed a Blood Donation Management System allowing donor registration and admin matching by blood type, using HTML/CSS/JS for frontend and Node.js with MongoDB for backend.
- Created a Speech Emotion Recognition system for opera performances using HuBERT Base model for audio feature extraction and a RandomForestClassifier for classification.
- Built PhishBreaker, a machine learning-based phishing detection tool analyzing URLs with 30 features and integrating VirusTotal for real-time reputation, with a Flask web interface.
- Developed a Multi-lingual Sign Language Recognition and Translation system using Swin/Vision Transformers and computer vision for gesture recognition and language translation.