PRAMITH KIRAN G B

Chennai, Tamil Nadu

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EDUCATION

Sri Sairam Engineering College, Chennai   **2020 – 2024**
B.E Computer Science and Engineering - **CGPA - 8.3**   *Chennai, India*

Narayana Martriculation Higher Secondary School, Chennai   **2018 – 2020**
Higher Secondary School Education - MPC - **Percentage - 70%**   *Chennai, India*

SMT Sundaravalli MEM School Alapakkam, Chennai   **2016 – 2018**
High School Education - CBSE - **Percentage - 80%**   *Chennai, India*

COURSEWORK / SKILLS

- Web Development
- Mobile Development
- Database Management System (DBMS)
- Data Structures & Algorithms
- OOPS Concept

PROJECTS

Aero Encrypt ⧉ | Python, Flutter, Docker   **2022 – 2024**
- A Flutter-based app for secure password storage and retrieval using hybrid AES+RSA encryption, ensuring credentials are stored locally and accessible only by the user..
- **Secure Credentials, Offline Functionality, Unique Device Storage.**

Lung Cancer Detection System ⧉ | Python, CNN, Watershed Algorithm   **2021 – 2024**
- A web application for early detection of lung cancer and tumors, integrating CNN and the Watershed algorithm to analyze lung CT scans and provide accurate diagnosis support.
- **Deep Learning with CNN, Feature Extraction with Watershed Algorithm.**

Ezzy Search ⧉ | Python, Streamlit, Selenium   **2020 – 2021**
- Developed a Python application with a Streamlit interface to help new GitHub users explore repositories, using Selenium for automated web scraping to enhance the search process.

INTERNSHIP / EXPERIENCE

Vectra Technosoft Private Limited   **06/03/2023 – 05/05/2023**
Intern Trainee   *Chennai, India*
- Internship training on PODMAN and CONTAINERS on redhat.

Research Paper Published in ICCEBS'23 ⧉   **14/12/2023 – 15/12/2023**
International Conference   *Chennai, India*
- Presented and published a research paper detailing a novel approach for early lung cancer detection, integrating the Watershed Algorithm for feature extraction with Convolutional Neural Network (CNN) for early diagnosis.

Participated in IEEE Xtreme 16.0   **22/10/2022**
Global Hackathon   *Chennai, India*
- Participated in 24-hour coding competition, IEEE Xtreme 16.0.

TECHNICAL SKILLS

Languages: Python, Java, C, Dart, HTML, CSS, JavaScript, SQL
Developer Tools: VS Code, Android Studio, AutoCAD, Docker, Podman
Techs/Tools/Frameworks: Linux, GitHub, Git, Mongodb, Flutter, Flutterflow, Firebase, MS office suite, Command/Prompt/Powershell/Bash

CERTIFICATIONS

- Red Hat Certified System Administrator (RHCSA) - Red Hat
- Google Cybersecurity Professional Certificate - Coursera
- Cloud Computing - Nptel
- Softskill development - Nptel
- Design & Implementation of Human-Computer Interface - Nptel