Sri Kavipriyan M A

+91 6363628542 | G-Mail | LinkedIn | GitHub | Stack Overflow

Education

Vellore Institute of Technology, Chennai Sep 2021 – Present

B. Tech – Electronics and Computer Engineering, 8.42/10 CGPA

NCC 'C' certificate

Sainik School Amaravathinagar Jun 2014 – Jun 2021

Class X, Senior Secondary, 78%

Class XII, PCM with Computer Science, Higher Secondary, 81.8%

Skills

Programming Languages: Python, Java, Dart, C, C++, R, Assembly, HTML, CSS, JS

Frameworks: Flutter, Django, Selenium

Developer Tools: VSCode, Firebase, Keil Studio, Git

Databases & Cloud: MySQL, MongoDB, OracleDB, SQLite3, Google Cloud

Languages: English, Tamil, Hindi (limited proficiency)

Soft Skills: Leadership, Adaptability, Quick Learner, Teaching

Experience

Intern at iBrowseJobs, Bengaluru Aug 2023 – Sep 2023

- **Web Developer**: Developed landing page and course-related pages
- **Course Content Creator:** Created videos for students to learn topics based on Flutter and Java technologies.

Samsung PRISM Jan 2024 – Mar 2024

- **Worklet and progress:**
  - Creation of near and far-field impulse response database for spatial audio research and validation using SOTA localization algorithms.
  - Collected over 1000 samples of near and far field audios for data processing and sampling.

Certifications

HackerRank: Python, Java, SQL, GoLang, Problem Solving

Spoken Tutorial in collaboration with IIT Bombay: Python, C++

Projects and Awards

Sentiment Analysis on YouTube Comments: A project for Data Analytics Course

- Usage of Python to implement YouTube API and Selenium for web scraping.
- Usage of R Studio to analyse the comments.

LCD-KeyPad Secure Entry System: A project for Embedded C Course

- An embedded systems-based hardware project used for secure lock system.
- Usage of embedded C, motors, keypad, and LCD for the functionality of the system.

IEEE Computer Society (VITC) HackHub 2022: Placed in Top 15

- Developed an agriculture system "AgroTech" which gets the data from farmers regarding the soil type, pH levels and other parameters to provide a solution on the type of crop to be grown.
- The system is built on the Python-Django framework.

School Band Vice Captain 2019-20:

- Lead the school band (Brass band category) in IPSC Band competition 2019-20, securing the 2nd position
- Best Solo Performance award