Sri Kavipriyan M A

📞 +91 6363628542 | ✉ srikavipriyan3@gmail.com | 🔗 sri-kavipriyan-m-a-050548151 | ⏺ kavi6024

CAREER OBJECTIVE

Aspiring electronics and computer engineer seeking to leverage technical expertise in programming, software development, and web development in a challenging role at a forward-thinking technology company. Committed to applying skills in Python, Java, Flutter, and full-stack web development to drive innovation and contribute to impactful projects. Experienced with tools such as Keil Studio Cloud and Virtuoso Cadence, I am eager to grow professionally by collaborating with diverse teams and participating in cutting-edge research and development initiatives.

EDUCATION

Vellore Institute of Technology, Chennai **Sep 2021 – Present**
*B. Tech – Electronics and Computer Engineering, **8.42 CGPA***
NCC 'C' certificate

Sainik School Amaravathinagar **Jun 2014 – Jun 2021**
*Class X, Senior Secondary, **81%***
*Class XII, PCM with Computer Science, Higher Secondary, **81.8%***

SKILLS

Programming Languages: Python, Java, Dart, C, C++, R
Frameworks: Flutter, Django, Flask, Selenium, Tkinter
Developer Tools: VSCode, Firebase, Keil Studio, Virtuoso Cadence, Git
Databases & Cloud: MySQL, MongoDB, SQLite3, Google Cloud, Firestore
Languages: English, Tamil, Hindi (limited proficiency)

EXPERIENCE

Intern at iBrowseJobs, Bengaluru **Aug 2023 – Oct 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 **Nov 2023 – 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, Problem Solving
Spoken Tutorial in collaboration with IIT Bombay: Python, Java, Advanced C/C++, PHP & MySQL
NPTEL: Google Cloud Computing Foundations, Forests and their Management

PROJECTS AND AWARDS

Sentiment Analysis on YouTube Comments: A project for Data Analytics Course **Jun 2023 – Jul 2023**
- Usage of Python to implement YouTube API and Selenium for web scraping.
- Usage of R Studio's syuzhet package to analyse the comments.

LCD-Keypad Secure Entry System: A project for Embedded C Course **Mar 2024 – Apr 2024**
- An embedded systems-based hardware project used for secure lock system.
- Usage of embedded C, motors, keypad, HC-05 Bluetooth module and LCD for the functionality of the system.

IEEE Computer Society (VITC) HackHub 2022: Placed in Top 15 **Jul 2022**
- 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: **Nov 2019**
- Lead the school band (Brass band category) in IPSC Band competition 2019-20, securing the 2nd position
- Best Solo Performance award

CLUBS AND VOLUNTEERING

- App developer - Microsoft Innovations Club **Oct 2022 – Oct 2023**
- 1 TN BN NCC Blood donation drive **Dec 2022**