Sri Kavipriyan M A

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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**