# Sri Kavipriyan M A

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## Career Objective

Aspiring electronics and computer engineer seeking to leverage technical expertise in programming and software development in a challenging role at a forward-thinking technology company. Committed to applying skills in Python, Java, and software development to drive innovation and contribute to impactful projects. 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, 8.42/10 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++
**NPTEL:** Google Cloud Computing Foundations, Forests and their Management

## 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, HC-05 Bluetooth module 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