

# Sri Kavipriyan M A

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## CAREER OBJECTIVE

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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

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### Vellore Institute of Technology, Chennai

*B. Tech – Electronics and Computer Engineering, 8.42/10 CGPA  
NCC 'C' certificate*

**Sep 2021 – Present**

### Sainik School Amaravathinagar

*Class X, Senior Secondary, 81%  
Class XII, PCM with Computer Science, Higher Secondary, 81.8%*

**Jun 2014 – Jun 2021**

## SKILLS

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

**Frameworks:** Flutter, Django, Selenium

**Developer Tools:** VSCode, Firebase, Keil Studio, Virtuoso Cadence, Git

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

**Languages:** English, Tamil, Hindi (limited proficiency)

**Soft Skills:** Leadership, Adaptability, Quick Learner, Teaching

## EXPERIENCE

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### 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

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**HackerRank:** Python, Java, SQL, GoLang, 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

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### 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 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 2<sup>nd</sup> position
- Best Solo Performance award