Sri Kavipriyan M A

 +91-6363-628-542 | [srikavipriyan3@gmail.com](mailto:srikavipriyan3@gmail.com) | [sri-kavipriyan-m-a-050548151](https://www.linkedin.com/in/sri-kavipriyan-m-a-050548151)| [kavi6024](https://github.com/kavi6024/)

CAREER OBJECTIVE

Aspiring electronics and computer engineer seeking to leverage technical expertise in application programming, software development, and web development in a challenging role at a forward-thinking technology company. Committed to applying skills in Python, Java, and Flutter to drive innovation and contribute to impactful projects. I am eager to grow professionally by collaborating with diverse teams.

EDUCATION

**Vellore Institute of Technology, Chennai** **Sep 2021 – May 2025**

*B. Tech – Electronics and Computer Engineering,* ***8.47 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++, HTML, CSS, R

**Frameworks:** Flutter, Django, Flask, Selenium

**Developer Tools:** VSCode, RStudio, Linux, Firebase, Keil Studio Cloud, Git, Postman

**Databases:** MySQL, SQLite3, and basic knowledge of NoSQL and cloud storage

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.

**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.

* + Contributed to spatial audio research by collecting and organizing numerous audio samples for analysis.

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, Wildlife Ecology  
PROJECTS AND AWARDS

**Construction Quality Report Application**

* A personal project made to display a concise report on the construction works and issues present in the progress of a construction site.
* Leveraging the use of Flutter, a Dart-based framework to build the application.

**Fruit Maturity Analysis using NIR imaging Jan 2025 – Apr 2025**

* A capstone project for final year that is based on using near-infrared imaging to detect the maturity of apples.
* Utilising Python, computer vision and machine learning to solve the real-world problem in a conservating way.

**Sentiment Analysis on YouTube Comments:** A project for Data Analytics Course **Jun 2023 – Jul 2023**

* Conducted sentiment analysis on YouTube comments using Python to extract insights on audience perception

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

* Developed a platform to provide agricultural insights for farmers based on soil and environmental data.
* 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 BTN NCC Blood donation drive  **Dec 2022**