

Sri Kavipriyan M A

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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

B. Tech – Electronics and Computer Engineering, **8.47 CGPA**
NCC 'C' certificate

Sep 2021 – May 2025

Sainik School Amaravathinagar

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

Jun 2014 – Jun 2021

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 conserving 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
- 1 TN BTN NCC Blood donation drive

Oct 2022 – Oct 2023
Dec 2022