

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

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| Vellore Institute of Technology, Chennai <i>B. Tech – Electronics and Computer Engineering, 8.45 CGPA</i> <i>NCC 'C' certificate</i> | Sep 2021 – Present |
| Sainik School Amaravathinagar <i>Class X, Senior Secondary, 81%</i> <i>Class XII, PCM with Computer Science, Higher Secondary, 81.8%</i> | Jun 2014 – Jun 2021 |

SKILLS

Programming Languages: Python, Java, Dart, C, C++, HTML, CSS, R
Frameworks: Flutter, Django, Flask, Selenium, Tkinter
Developer Tools: VSCode, RStudio, Linux, Firebase, Supabase, Keil Studio Cloud, Git, Postman
Databases: MySQL, SQLite3, and basic knowledge of NoSQL and cloud storage

EXPERIENCE

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| Intern at iBrowseJobs, Bengaluru <ul style="list-style-type: none">Web Developer: Developed landing page and course-related pagesCourse Content Creator: Created videos for students to learn topics based on Flutter and Java. | Aug 2023 – Oct 2023 |
| Samsung PRISM <ul style="list-style-type: none">Worklet and progress:<ul style="list-style-type: none">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. | Nov 2023 – Mar 2024 |

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

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| Construction Quality Report Application <ul style="list-style-type: none">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 <ul style="list-style-type: none">A capstone project for final year that is based on using infrared imaging to detect the maturity of apples.Utilising Python and machine learning to solve the real-world problem. | Jan 2025 – Mar 2025 |
| Sentiment Analysis on YouTube Comments: A project for Data Analytics Course <ul style="list-style-type: none">Conducted sentiment analysis on YouTube comments using Python to extract insights on audience perception | Jun 2023 – Jul 2023 |
| IEEE Computer Society (VITC) HackHub 2022: Placed in Top 15 <ul style="list-style-type: none">Developed a platform to provide agricultural insights for farmers based on soil and environmental data.The system is built on the Python-Django framework. | Jul 2022 |
| School Band Vice Captain 2019-20: <ul style="list-style-type: none">Lead the school band (Brass band category) in IPSC Band competition 2019-20, securing the 2nd positionBest Solo Performance award | Nov 2019 |

CLUBS AND VOLUNTEERING

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| • App developer - Microsoft Innovations Club | Oct 2022 – Oct 2023 |
| • 1 TN BN NCC Blood donation drive | Dec 2022 |