


Guru Siva Subramanian V

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Education

COURSE	YEAR	INSTITUTION	CGPA/PERCENTAGE
B.TECH-ECE	2021-2025	SRM Institute of Science and Technology, Trichy	9.14*
HSC (CBSE)	2021	Amrita Vidyalayam, Trichy	85%
SSLC (CBSE)	2019	Amrita Vidyalayam, Trichy	75%

Skills

Python, Verilog, Embedded Systems, Machine Learning (Supervised Learning), MySQL.

Areas of Interest

VLSI Frontend, Embedded System and IoT, Python programming.

Projects

- 1. Design and implementation of Russian multiplier on FPGA:**
Designed and implemented a Russian Peasant Multiplier on FPGA, enhancing computational efficiency and optimizing hardware resource utilization.
- 2. The Smart Parking System using OpenCV:**
Developed a Smart Parking System using OpenCV, improving vehicle detection accuracy and optimizing parking space usage.
- 3. Pothole detection based on YOLOv5:**
Implemented a Pothole Detection System using YOLOv5, enhancing road safety through real-time and accurate pothole identification.

Internships

- Intern – Visteon Electronics India Private Limited, Chengalpattu, TN (December 2022 - January 2023)
- Intern – SYRMA SGS Technology, Chennai, TN (June 2023)
- Python Intern – Devskillhub, Virtual (December 2023 - February 2024)

Co-curricular Activities

- Participated in Hackathon at Gitam University, Bangalore
- Took part in the ETET conference held at NIT Karaikal.
- Participated in the Project Expo conducted by SRM-IST, Trichy.
- Engaged in a hackathon conducted by TriNIT.

Achievements

- NPTEL certification for the course- The Joy of Computing Using Python (71%), Digital System Design (54%)

Extra-Curricular Activities

- Cultural and Event Coordinator of Students Council of SRMIST-Trichy.
- Participated in various events at Festember, a national level cultural festival organized by NIT-Trichy.

Languages

English, Telugu, Tamil and Hindi.