

Siddarth Vinnakota

Chennai | siddarth1784@gmail.com | +91 8019682636 | portfolio | linkedin | github

Summary

I am a skilled Software Developer with expertise in frontend, backend, and server management, proficient in React.js, Node.js, and various databases. As an Electronics Engineer, I excel in embedded systems, PCB design, and programming in C, C++, and Python. Passionate about innovation and eager to embrace new challenges in both software and electronics.

Education

SRM Institute of Science and Technology, Kantankulathur 2022 - 2026

- Bachelor of Technology in the branch of Electronics and Communication

Experience

Software Developer, Intern, Renault Nissan NOV 2024 – JAN 2025

- Working on firmware development and Embedded systems.

Software Developer, Intern, Defence Research and Development Organisation (DRDO) JUNE 2024 – AUG 2024

- Developed full stack application using React.js, Python, Javascript and MongoDB.
- Worked on a real-time project focused on aircraft systems

Embedded developer AND IOT trainer, DEVTOWN SEP 2023 - MAR 2024

- Worked in Research and developer as a backend developer, using Python for scripting and automation.
- Provided comprehensive IoT training to a diverse audience, educating over 10,000 individuals on IoT principles and applications.

Software Developer, Intern, Climec labs JULY 2023 - AUG 2024

- Designed and implemented firmware for products utilizing ESP8266 boards
- Spearheaded the development of PCB boards to support product functionalities and requirements.

UG Researcher, SRM University JAN 2023 - JAN 2024

- Worked on a project involving multiple devices, focusing on embedded systems and firmware development.

Projects

Developed an Animated Voice-to-Sign Language Model

- Created a model that converts spoken language into animated sign language, utilizing TypeScript for robust development and animation libraries for dynamic visual representation.

Developed an AI-based Image Generation Project

- Technologies Used: TensorFlow, GANs (Generative Adversarial Networks), Python

Developed a Personal Portfolio Website

- using React.js and Node.js to showcase my projects and skills.

Additional Experience And Awards

HEAD OF IEEE SRM Led a team of students and organized various events, fostering innovation and collaboration within the club.

Semi finalist SIH India hackathon

Technologies

Languages: Java, Objective-C, SQL, JavaScript, Python, Embedded C, git, VHDL.

Software: .NET, Microsoft SQL Server, XCode, MERN Stack, kiCad Designing, arduino ide, vscode