

Abishake Priyan K

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I'm Abishake Priyan K, an aspiring engineer and tech enthusiast with a strong foundation in Electronics, Programming, and Full-Stack Development. With hands-on experience in PCB design, Python, C/C++, web technologies, and database systems, I enjoy building innovative solutions that blend hardware and software seamlessly.

Work Experience

Future Interns

Full Stack Developer

Remote

June 2025 - Present

Aaruush, SRM University

Committee Member

SRM University

July 2024 - May 2025

Directorate Of Student Affairs , SRMIST

Committee Member

SRM University

July 2024 - May 2025

Aaruush, SRM University

Volunteer

SRM University

July 2023 - May 2024

Directorate Of Student Affairs , SRMIST

Volunteer

SRM University

July 2023 - May 2024

Projects

Sepsis Early Prediction System

February 2025

Deployed an AI-powered sepsis early prediction web application built on ReactJS and Python, which 10+ doctors now use to better monitor patient conditions.

GUI Voice based Virtual Assistant

December 2022

An interactive virtual assistant built with Tkinter and Python libraries that responds to voice commands to perform tasks like web search, media control, and more.

SudokuX

March 2025

Developed a Sudoku game employing ReactJS for the front end and Python for the game logic.

Robot Motion Planning

January 2025

A simple Python GUI built with Tkinter that visualizes robot pathfinding using the A* algorithm to efficiently navigate from start to goal while avoiding obstacles.

Automatic Water Level Controller

February 2025

microcontroller-free automatic water level controller using LM324 op-amps, LEDs, and a relay circuit. It detects Low, Medium, and High water levels and controls a pump accordingly to prevent overflow.

Skills

Programming Languages:

Python, C, SQL, Java, JavaScript, MongoDB

Web Development:

HTML, CSS, React, JavaScript

Embedded Systems / Hardware:

PCB Design(EasyEDA), Microcontrollers: Arduino, ESP32

Education

SRM Institute of Science and Technology

B.tech , Electronics and Communication Engineering | GPA: 7.97

SRM Nagar, Kattankulathur - 603 203

May 2027

