



# Sriramkarthick S

Electrical and Electronics Engineer

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## Career Objective

Enthusiastic and detail-oriented graduate seeking a position, eager to apply my academic knowledge and strong work ethic to contribute to team success and company growth.

## Work Experience

**Associate Firmware Engineer**  
Sacra Systems Private Limited

Oct 2023 - Feb 2024

**Programmer Analyst Trainee**  
Cognizant Technology Solutions

Sept 2024 - Sept 2025

**Programmer Analyst**  
Cognizant Technology Solutions

Sept 2025 - Present

## Education

**B.E. Electrical and Electronics Engineering**  
Karpagam College of Engineering,  
Coimbatore, Tamilnadu, India  
CGPA - 8.74

2019 - 2023

**Higher Secondary**  
Lisieux Matriculation Higher Secondary School,  
Coimbatore, Tamilnadu, India  
70%

2018 - 2019

**SSLC**  
Lisieux Matriculation Higher Secondary School,  
Coimbatore, Tamilnadu, India  
95.8%

2016 - 2017

## Technical Skills

- C
- SQL
- Java
- FreeRTOS
- STM32 fundamentals
- AT32 microcontroller basics
- CCNA fundamentals
- Cisco IOS
- Subnetting
- Switching concepts
- Routing concepts - basics

## Projects

- **Infrared tester using LED indication**

Hardware- tests presence of infrared rays in a certain distance.

- **Interest Calculator for Bank deposits**

Developed using Java - calculates interest amount based on the type of account.

- **Multiple choice test platform**

Developed using Java Swing - Gives number of correct answers for the multiple choice questions asked.

- **IoT based Patient Monitoring System**

Using Arduino Uno and NodeMCU - Used to obtain patient temperature and pulse and to view it via a smartphone application.

## Certifications

- Guvi- Step into Robotic Process Automation (June 2020)
- Coursera- Introduction to Artificial Intelligence (AI) - IBM - 100% (August 2020)
- Coursera- Data Science Math Skills - Duke University - 98% (August 2020)
- Coursera- Getting Started with AWS Machine Learning - AWS -100% (September 2020)
- Coursera- Introduction to Cloud Identity - Google Cloud - 97.08% (September 2020)
- Coursera- Cloud Computing Basics (Cloud 101) - LearnQuest - 97% (October 2020)
- Insidesherpa- Technology Consulting - Deloitte (August 2020)
- NPTEL- Introduction to Internet of Things - ELITE (60%) (October 2021)
- NPTEL - Sensors and Actuators - ELITE (62%) (April 2022)
- VMware - Network visualization concepts
- Udemy - Cisco CCNA 200-301 : Full Course for Networking basics (August 2024)
- Udemy - Cisco CCNA 200-301 - The Complete Guide to Getting Certified (August 2024)
- Udemy - Introduction to Computer Networking - Crash course (August 2024)
- Udemy - Generative AI for Beginners (August 2024)
- Udemy - Power BI Masterclass from scratch in 90 minutes (August 2024)
- Udemy - GPT Builder Course: Mastering Specialized AI Agents (August 2024)

## Internships

- Internet of Things virtual internship -Ether Infotech  
(24.06.2021 - 24.07.2021)
- Internship in Embedded Engineering -  
Sacra Systems Private Limited (08.10.2022 - 30.09.2023)

## Personal Profile

- Date of Birth 09.09.2001
- Known Languages Tamil, English, Telugu
- Nationality Indian
- Hobbies To watch movies,  
play badminton

## Areas of Interest

- Gadgets
- IoT

## Personal Strengths

- Good communication skills
- Optimistic
- Team-player
- Flexible