

Jai Surya M

Aspiring Python Developer and Electronics Engineering student with hands-on experience in core electronics, embedded systems, and IoT-based projects. Proficient in Python, Java, SQL, and Data Structures. Actively building skills in data science, AI, and Android app development through certified online courses.

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📍 Tamilnadu, India

🌐 [jai-surya-m-04434629b](#)

AREA OF INTREST

- Passionate about Python programming and its applications in software development.
- Deep interest in Cybersecurity principles, network protection, and ethical hacking.
- Enthusiastic about exploring DevOps practices for efficient CI/CD pipelines and automation.
- Keen to learn and apply System Design concepts for building scalable and robust applications.

EDUCATION

M.Kumarasamy College Of Engineering

Bachelor of Engineering - Electronics and Communication

2022 - 2026

Shri Vidya Bharathi Matric Higher Secondary School

Senior Secondary Education

2020 - 2021

KSR Matric High School

Secondary Education

2019 - 2020

SKILLS

- **Programming Languages:** Python, Java
- **Database:** SQL
- **Core CS:** Data Structures and Algorithms (DSA)
- **Other Skills:** Arduino, IoT, PCB Design, Embedded Systems

Soft Skills:

- Time Management
- Decision Making

CERTIFICATE

Developing Android Apps with App Inventor [🔗](#)

The Hong Kong University of Science and Technology (Coursera)

CCNA: Introduction to Networks [🔗](#)

Cisco Networking Academy

CCNA: Networking Devices and Initial Configuration [🔗](#)

Cisco Networking Academy

ChatGpt For Everyone [🔗](#)

Introduction To AI by Guvi

PROJECTS

Terahertz Antenna for Next-Generation Bio-Sensing Applications

Jan 2025 - April 2025

Designed a high-frequency antenna system for bio-sensing and terahertz communication.

Focused on simulation accuracy and PCB layout.

Skills Used: PCB Design, Core Electronics, Antenna Simulation

Automatic Sun-Tracking Solar Panel System

Aug 2024 - Nov 2024

Developed an Arduino-based solar panel that follows the sun using IoT logic and sensors.

Enhanced solar energy efficiency through automation.

Skills Used: Python, Arduino, IoT, Embedded Systems

LANGUAGE

English Superior

Tamil Superior