SANJIV KRISHNA R

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in linkedin.com/in/sanjiv-krishna-r-238588292 ◯ https://github.com/

ABOUT

I am an Electronics and Communication Engineering student with a solid grasp of core electronics concepts and programming fundamentals. I have experience with Java and Python, along with beginner-level knowledge of SQL. Currently, I am exploring VLSI design and deepening my understanding of digital electronics, embedded systems, and communication technologies. I enjoy problem-solving and building practical solutions through system design

EDUCATION

SSLC - 10th   2020 – 2021
Chinmaya Vidyalaya Attukal, kerala   Thiruvananthapuram
70%

HSLC-12th,   2021 – 2022
Chinmaya vidyalaya Attukal,Kerala   Thiruvananthapuram
73%

BE Electronic And Communication Engineering   2023 – 2027
KPR Insitute of Engineering And Technology   Coimbatore, Tamil
CGPA- 7.3   Nadu

CERTIFICATIONS

- Introduction to Industry 4.0 and Industrial Internet of Things (NPTEL)
- Microsensors and Nanosensors (NPTEL)
- MATLAB Onramp (MathWorks)
- Simulink Onramp (MathWorks)
- Effective Presentations (HP LIFE)
- Data Structures in C (Great Learning)
- Python Programming (HackerRank)
- VLSI (Maven Silicon)
- SQL using MySQL and Database Design (Scalar Topics)

PROJECTS

Wireless Air Pen for Real-Time Motion Visualization   01/2025 – 07/2026
Air Pen:
The Air Pen uses an MPU6050 sensor and ESP8266 to capture hand movements and wirelessly transmit them for real-time digital drawing. It enables accurate, low-latency air writing without physical contact, making it a cost-effective and user-friendly solution for educational and interactive applications.

My protfolio website

INTERNSHIP

Smart Antenna Systems
During my internship on Smart Antenna Systems, I learned antenna design and simulation using CST software, including horn, dipole, and microstrip antennas.

01/08/2025 –
01/25/2025
coimbatore, Kpriet

VLSI -ELYSIUM TECHNOLOGIES PVT.LTD
Learned the fundamentals of Very Large Scale Integration (VLSI) design flow, including CMOS logic and layout basics

05/2025 – 06/2025
madurai,TamilNadu

SKILLS

• Python Programming
• Java
• MySQL
• Digital Electronics (RC Circuits)
• VLSI Design
• Html, css
• Git and Github

INTERESTS

— • Embedded and VLSI • • Database : MySQL Workbench • • UI : Canva, Microsoft Office Suite (Word, PowerPoint) • • Programming : Arduino IDE, MATLAB

PARTICIPATIONS

• VARNAM '25 – Paper presentation at kCT, coimbatore.
• RIONZ'25 – Paper presentation at RVS, coimbatore.

LANGUAGES

English
Tamil
Malayalam