

JERRY GEORGE ANTONY

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OBJECTIVE

Recently graduated B.Tech in Electronics and Communication Engineering with a strong foundation in embedded systems, programming, and microcontroller-based projects. Skilled in real-time and sensor-driven applications with good problem-solving and adaptability, eager to apply technical knowledge to innovative and impactful engineering solutions.

EDUCATION

Bachelor of Technology in Electronics and Communication Engineering

Federal Institute of Science and Technology, Angamaly, Kerala, May 2025

CGPA: 7.22

12th, HSE

St. Joseph's HSS, Angamaly, Kerala, May 2021

90.91%

10th, ICSE

Jnanodaya Central School, Kalady, Kerala, May 2019

87.40%

SKILLS

- **Technical Skills:** Python, C, HTML, SQL (Basics), Microsoft Excel (Basics)
 - **Embedded & Tools:** Embedded Systems, Arduino IDE, IoT, Sensors, Control Instrumentation
 - **Soft Skills:** Leadership, Project Management, Problem-Solving, Communication
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ACADEMIC PROJECTS

- **Food Guard Pro** - Developed a mini smart refrigerator using Arduino UNO, load cell, methane gas sensor, and Peltier kit for spoilage detection. Improved food safety by identifying changes in gas levels and weight thresholds. **(Arduino, C)**
 - **MSL Sign Verse** - Developed a sign language learning module that focuses on regional language malayalam. **(Python)**
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INDUSTRIAL TRAINING & INTERNSHIPS

- **NEST Cyber Campus, Ernakulam (05/2023) - Completed course on Embedded System with IoT.**
Completed practical training on Embedded systems and IoT. Covered Arduino and real-time sensor integration.
 - **FORBES MARSHALL, Pune (07/2025 - 12/2025) - CII Training in Control Instrumentation**
Completed CII training in process automation, calibration, sensors, flow meters, and industrial standards, with strong hands-on field exposure. Additionally, I have undertaken extended learning in quality processes.
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POSITIONS OF RESPONSIBILITY

- **Class Representative** - FISAT, 2022-2023
 - **Professional Students Summit** (Volunteer) - Organized by Govt. Of Kerala, 2023
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ACHIEVEMENTS & CERTIFICATIONS

- District-level winner in the Young Innovators Program (YIP) for our project, "MSL Sign Verse" under the category Assistive Technologies and Wearables.
 - Project paper published in IEEE Xplore ([10.1109/ACCESS65134.2025.11135825](https://doi.org/10.1109/ACCESS.65134.2025.11135825)) for our work on "MSL Sign Verse".
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REFERENCES

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