CYRIL FREDERICK X M

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SUMMARY

I am a passionate and aspirant electronics and communication engineering student who is interested in Embedded systems and IoT Design, Artificial Intelligence and Machine Learning, Digital Electronics and VLSI Chip Designing. I'm well equipped with skills of Embedded programming and device integration, circuit debugging, logical thinking and probability reasoning. I've gained experiences by creating Mini projects in IoT, working across various embedded platforms and developing innovative solutions to the problems.

SKILLS

Embedded Systems	Programming Computer Languages	Soft Skills
8051	C	Effective Communication
Arduino	Embedded C	Problem Solving
ESP8266	Python	Adaptibility

PROFESSIONAL EXPERIENCE

Bharat Sanchar Nigam Limited **JUL 2024 - AUG 2024**

- Intern - Networking and Exchanging Maintenance
- Acquired hands-on experience with the telecom network models, including mobile and broadband networks.
- Studied call flow processes, handoff mechanisms, performance metrics and fiber optics technology.

Embedded Systems Workshop - GCES Trichy **FEB 2023**

- Learned embedded Arduino programming and conducted hands-on experiments using IDEs.
- Explored the working principles and various types of sensors.
- Developed skills in prototyping and creating embedded systems.

EDUCATION

Government College of Engineering Srirangam, Anna University **2021-2025**

Bachelor in Electronics and Communication Engineering as an undergraduate

Asian Christian High School, Hosur **2009-2021**

CBSE

- K-12 education in English-medium of learning

ADDITIONAL INFORMATION

- **Languages:** English, Tamil, Hindi
- **Projects:** Redesigning stethoscope for babies, Enhancing road safety with ADAS | Automated Emergency Braking Simulation, UART-Controlled Device management with 8051 microcontroller, Food navigation system using blockchain and IoT
- **Extra talents:** Music, Singing, Sports(Cricket, Volleyball), Writing.