

# ARJUN V

+91 8838984533 | arjunvasanthakumar2005@gmail.com



## PROFESSIONAL SUMMARY

Motivated Electronics and Communication Engineering student with a strong focus on IoT, cloud computing, and DevOps fundamentals. Hands-on experience with real-world projects, rapid prototyping, and AWS services (EC2, S3, Lambda). Proficient in Linux environments with a solid foundation in system design, automation, and problem-solving. Quick learner with strong adaptability to enterprise development environments.

## EDUCATION

KPR Institute of Engineering and Technology - Coimbatore

May 2027

### B.E. Electronics and Communication Engineering

CGPA: 7.99/10.00

## INTERNSHIP EXPERIENCE

### Web Development Intern, Applifiles (Jun–Jul 2025) – [online]

- Developed responsive websites and assisted with backend integration using HTML, CSS, and basic JavaScript.

### AI Intern, KrishTec (Jun–Jul 2025) – [remote]

- Assisted in developing and testing machine learning models and data preprocessing pipelines for AI projects.

### IoT & PCB Design Intern, KPR Institute of Engineering and Technology (Jan 2025)

- Designed PCB's and developed IoT circuit prototypes using Arduino, Espressif, Raspberry Pi for embedded projects

## FREELANCE PROJECTS

### Smart Cattle Feeder System

- Automated livestock feeding using Arduino, sensors, and IoT for scheduled dispensing and remote monitoring.

### POS System for Hypermarket

- PHP-based point-of-sale system with inventory management and billing for efficient checkout operations.

### BLE Logistics Tracker

- Engineered a Bluetooth Low Energy tracking system to monitor and locate logistics packages in real time using custom BLE tags.

## CERTIFICATIONS

- NPTEL:** Programming in Python; Introduction to Industry 4.0 and IoT
- Cisco NDG:** Linux Unhatched
- KodeKloud:** Linux & Docker Crash Courses (Completed Jul 2025)
- AWS:** Cloud Practitioner Essentials (Aug 2025)
- HackerRank:** Python (Basic), Problem Solving (Basic)

## SKILLS

- Programming:** Java, Python, HTML, CSS, SQL
- Cloud & DevOps:** AWS (S3, CloudFront, ECS, ECR, CloudWatch), Docker, Kubernetes, MongoDB Atlas, Linux
- Embedded Systems & IoT:** Arduino, ESP8266, Raspberry Pi, MQTT, BLE, RFID
- Tools:** Arduino IDE, MicroPython, Git, GitHub, Docker, Kafka, Zookeeper, Figma (basic), Canva
- Soft Skills:** Communication, Teamwork, Time Management, Leadership

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## **LEADERSHIP EXPERIENCE**

### **Co-Chair Person : YI-YUVA CLUB KPRIET**

- Organized and guided activities that encouraged entrepreneurial thinking and showcased leadership in driving impactful student innovations.

[Ongoing]

### **OFFICE BEARER : SANGAMAM KPRIET**

- Organized and guided Sangamam Club activities, strengthening team engagement and leadership culture.

[JUL 2024 – AUG 2025]

### **ACTIVE MEMBER : IETE STUDENTS FORUM**

- Served as a member at IETE Students' Forum, coordinating technical events, workshops, and seminars to promote innovation and professional development among peers.

[Ongoing]

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## **ACHIEVEMENTS/PARTICIPATIONS**

### **PAPER PUBLISHED**

*LoRaWAN-Based Smart Monitoring and Alert System for Enhancing Safety in the Mining Industry*" at EAI BDCC 2025, Coimbatore.

### **HACKATHON**

**DecodeX 2025** : Encrypted. Classified. Unlocked - BMSITM Bangalore.

**IEEE Xtreme 18.0** : Global Participant of 24-Hour Hackathon, by IEEE SB KPRIET.

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## **LANGUAGES : ENGLISH(Intermediate), TAMIL(Native), GERMAN(Basics)**