

## ARUNKARTHICK.R



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Enthusiastic IT graduate with practical experience in embedded systems, content writing, and software testing — ready to blend tech and creativity in a fast-paced, growth-driven team.

### Academic Qualification

Degree	Institution	Year of Passing	CGPA/ %
B. Tech (Information Technology)	Kamaraj College of Engineering and Technology	2024	8.85(CGPA)

### Internships:

- Embedded Trainee (Software Developer) – Feb 2024 – Mar 2025

(Worked on embedded projects for set-top box systems and practical exposure to C development, UI design tools, and release processes.)

- Developed and debugged embedded C code using Source Insight IDE.
- Designed UI screens for set-top box display using proprietary E-Term Tool (channel list, banner, channel number screen, still picture, icons, etc.,).
- Collaborated with team members for module integration and handled release builds.
- Performed unit testing and ensured delivery to QA team and customer side.
- Gained hands-on experience in team-based embedded software lifecycle — from design to deployment.

- Trainee - Quantanics Techserv, Madurai - Machine Learning
- Trainee - Phoenix Softech, Madurai - Blockchain Technology

### Projects:

- Food Ordering System Using Laravel**  
Laravel + Bootstrap + MySQL web app for restaurant ordering.
- Career Guidance and Recommendation using ML**  
Application recommends job paths based on skillsets.
- Productivity Tracking System**  
Measures developer efficiency using bug/task data.

### **Areas of Interest:**

- Software Development
- Business and Data Analysis
- Content Writing and Documentation
- Software Testing and Quality Assurance
- Client Communication and Coordination

### **Skill Set:**

- Programming – C, Java
- Embedded and OS – RTOS Concepts, Embedded C
- Testing – Manual Testing, Bug Tracking, Test Case Writing
- Tools – GitHub, Packet Tracer, JIRA
- Writing Tools – SEO Writing, Technical Documentation, Grammarly

### **Co-Curricular Activities:**

- NPTEL – Principles of Management (Elite + Silver)
- Udemy – Artificial Neural Networks
- NPTEL – Joy of Computing using python (Elite + Silver)
- E-Box – Object Oriented Programming using Java
- CISCO – Packet Tracer
- The Linux Foundation – Cyber Security
- Infosys Springboard – Big Data Essentials

### **Workshops:**

- Engineering clinic – Assembling Hardware components of a computer
- Customer Relationship Management – Laravel Framework
- Web Development – Django Framework

### **Extra-Curricular Activities:**

- NSS Volunteer – Participated in Community camp service.
- Group Singing – Second Prize Winner
- Inter College Fest – Tech Talk – First Prize Winner

### **Personal Traits:**

- Creative
- Punctual
- Adaptable
- Quick Learner