

ARUNKARTHICK.R

ASPIRING SOFTWARE DEVELOPER

EXECUTIVE SUMMARY

Entry-level IT graduate with hands-on experience in Embedded C, UI development for STB, and software testing. Eager to apply technical and creative skills in software development, content writing, or QA roles.

ROLES AND RESPONSIBILITIES

SOFTWARE DEVELOPER IN EMBEDDED

Leading Embedded Systems Company

{ 05.02.2024 - 05.03.2025 }

(Worked with a leading Set-Top Box (STB) solutions provider)

- Designed UI components for STBs (channel banners, channel lists, still screens, channel number display) using eGOS(Embedded Graphical Operating Systems) UI framework and proprietary design tools.
- Developed and debugged software modules in Embedded C (Source Insight IDE).
- Participated in integration of UI modules into the overall STB software stack.
- Released builds to QA teams, assisted in bug tracking and resolution.
- Collaborated with cross-functional teams to meet customer delivery deadlines.

INTERNSHIPS

MACHINE LEARNING TRAINEE

Quantanics Techserv

{ 27.06.2022 - 09.07.2022 }

- Developed and trained sets of images for a zoo place to find and trigger out the types of tigers.
- Using with NVIDIA TAO toolkit

BLOCKCHAIN TECHNOLOGY TRAINEE

Phoenix Softech

{ 17.12.2022 - 31.12.2022 }

- Learned the concepts and the usage of blockchain technologies.
- Implementation ideas of using this technology in today real time uses.



CONTACT

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- 🌐 [arunkarthick18.github.io](https://github.com/arunkarthick18)

EDUCATION

Mahatma Montessori Matriculation Higher Secondary School

Stateboard

- SSLC(10th Standard) 433/500 (86.6%) - 2017-2018
- HSC(12th Standard) 433/600 (72.1%) - 2019-2020 {Computer Science Group}

Kamaraj College of Engineering and Technology

Autonomous(Affiliated to Anna University) { B.Tech IT }

Oct 2020 - Apr 2024

- CGPA - 8.85
- NSS Volunteer
- First Prize - Tech Talk
- Second Prize - Group Sing

AREAS OF INTEREST

- Software Development
- Software Testing and Quality Assurance
- Business and Data Analysis



Linkedin Link:

<https://www.linkedin.com/in/arun-karthick-0b73a31bb/>

PERSONAL TRAITS

- Strong communication
- Teamwork
- Adaptability with proven ability to deliver under deadlines.

WORKSHOPS

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

SKILL SET

Programming

- C Language
- Java and OOPS Concept
- HTML5,CSS3,Javascript

Embedded and OS

- Embedded C Language
- Concepts of RTOS (Real Time Operating Systems)
- eGOS (Embedded Graphical Operating Systems) for UI purpose.

Testing (QA - Quality Assurance)

- Manual Testing
- Bug Tracking
- Test Case Writing

Tools

- Github
- React,Node.js(VS Code)
- OpenAI API,TensorFlow

MINI-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.

CERTIFICATIONS

NPTEL

The Joy of Computing Using Python (Elite + Silver)

Principles of Management (Elite + Silver)

Udemy

Artificial Neural Networks

Cisco

Packet Tracer

E-Box

Object Oriented Programming Using Java

The Linux Foundation

Cyber Security

Infosys Springboard

Big Data Essentials

Celonis

Academic Process Mining Fundamentals