

Karthikeyan Dhakshanamoorthy

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Area of Interest

- » C Programming
- » C++ Programming
- » Embedded Software

Programming Proficiency

- » C Program : 4 out of 5
- » Data Structure : 4 out of 5
- » C++ Program : 4 out of 5
- » Linux : 2 out of 5
- » TCP/IP : 2 out of 5

Computer Proficiency

- » MS OFFICE
- » Keil µvision4
- » Proteus

Test Automation Tools

- » LDRA
- » Vector Cast

Configuration Tools

- » JIRA
- » DOORS

Career Objective

To achieve a challenging position and rewarding career in a well-established reputed organization in the field of Embedded Firmware that would offer me aspiration opportunities for the organization growth.

Trainings & Certifications

- » Certified in Advanced Course **Embedded Systems** by **Vector India Pvt, Ltd.**
- » Certified in **Control & Automation Training** by **Axis Global Institute Of Industrial Training.**

Experience

Company: VALEO INDIA PRIVATE LTD, Chennai.

Designation : Software Test Engineer

Duration : July 2021 – Present

My Role as a Software Test Engineer.

- » Read, understand, and evaluate C++ code files for unit test.
- » Plan unit test strategy for individual units under test.
- » Create environments/sequence and write unit tests for UUT using Vector CAST/LDRA.
- » Analyze test results for potential bugs.
- » Run existing unit tests against updated code file and update for regressions as appropriate.
- » Work with developer to design functional unit tests where appropriate.

Company: NANOSOFT TECHNOLOGIES, Madurai.

(On contract with **DELTA POWER SOLUTIONS**, Chennai).

Designation : Field Service Engineer

Duration : January 2018 – November 2019

My Role as a Field Service Engineer

- » Performing assigned tasks to support project delivery, Product support and development activities.
- » Plan and execute service complaints, Responsible for installation, commissioning, training of the equipment's like Indoor and Outdoor Power systems.

Company: CHECKTRONIX INDIA PRIVATE LTD, Chennai.

Designation: Quality Control Editor.

Duration : June 2016 – August 2017

My Role as a Quality Control Editor.

- » Responsible for maintaining quality of resume/postings Parsing for the Product Lens Match.
- » Lens Match extract the information from the resume/postings, then it will check the extracted information partially.
- » Manually verified the output of Lens Match and corrected the Mistakes.
- » Working in the UK, US, AU, IN, SG resume/postings formats also build the resume models for the Lens Match.

Personal Information

Father

Name : Dhakshanamoorthy N

DOB : 31.08.1994

Gender : Male

Nationality : Indian Languages

Known : Tamil, English.

Marital

Status : Single

Address : 1/8

Eshwaran koil Street,

Natham, Tirupattur (DT),

Tamil Nadu,

635654.

Academic Project

Title : PC BASED DATA ACQUISITION SYSTEM.

Software Used : Keil μ vision4, Proteus.

Technologies : 8051Micro controller, UART communication, I2C, SPI, LCD and Embedded C Programming.

Description : I have designed Project to display resistance Variance and Time in the LCD along with HyperTerminal (On System) for every variation of voltage . Sensor values reads by using SPI and Time reads from SPI. This value monitor in system by using UART.

Title : Auto synchronization of 210MW turbo generator in 230KV transmission line in Mettur thermal power station-1, Mettur, Tamilnadu, India.

Description : In this project, automatic synchronization is done to ensure the voltage and frequency of the generator should be match with the grid parameters to deliver the power.

Title : Automatic power saving lighting control

Description : In this project, Automatically turn lights ON and OFF using the PIR sensor.

Academic Chronicle

BE (Electrical and Electronics Engineering)

Adhiyamaan College of Engineering, Hosur, 2016
Aggregate: **73%**

Higher Secondary School

Govt Higher secondary school, Natham. 2012
Aggregate: **64%**

SSLC

Govt Higher secondary school, Natham. 2010
Aggregate: **72%**

Hands-on Experiences

I hereby declare that all the information and facts given above are true to best of my knowledge and belief.

yours truly,

Date:

Place:

Karthikeyan Dhakshanamoorthy