NGUYEN DUC MY(Fresher Java fullstack)

Email : nguyenducmy9x@gmail.com

Mobile : 079 994 5560

Date of Birth : 10/8/1990

Address: Thu Duc /Tphcm

GitHub: https://github.com/nguyenducmy

BACHELOR OF ENGINEERING

University : Viet Nam National University - Ho Chi Minh City University of Technology (HCMUT)

Bachelor of Engineering : **Electronic –Telecomunication Engineering**

Certificate: Java Fullstack Developer (FPT Software Academy Q.9)

SOFTWARES and SKILLS

- Software /Tools : **Eclipse , MySQL xampp , java8 , java spring boot/mvc ,jpa**

  Frontend web : html / css , javascript , bootstrap
- Understand Web Technology :http request ,Web MVC structure
- Backend :

  + Can code java ,good understanding Java OOP, java8 core

  + Understand and creat database MySQL with XAMPP , SQL server

  + Familiar with and understanding with Spring boot framework and spring MVC

@Controller, @Service, @Repository, @Component), JdbcTemplate,, Creat Model ,Service ,repository jpa

+ POST / GET :to get data from database to send to localhost view and reverse.

- Pls refer my GitHub for reference https://github.com/nguyenducmy
- Good at AutoCad 2D/3D :
- Understand Scada web app design ,PLC/HMI coding ,wonderware scada server(creat database and commissioning from plc to wonderware)
- PLC B/R automation , PLC DELTA

WORK EXPERIECES

Company:

Olam Viet Nam ltd Bien Hoa II: 2018- Present

I am take a role as a project lead and a developer for Olam Vietnam Scada system and design and develop for Scada web application .

Scada web application include for system from 3 factories (Quynhon ,Pleiku ,Phu yen)

Scada web used technology : ***Java Spring boot framework technology ,java socket to read*** wireless IOT sensors value via TCP/IP protocol.

The main web function is to :

+ Receive data from wireless IOT sensors that transmitted via TCP/IP protocol from Quy nhon ,Pleiku …

+ Store all sensors data in local phpMySQL server on PC server ,

+ Automatic Calculate / export production report send automatically to user everyday.

Other task as project leader is to do supervisor to do installation sensors, electrical cabinet and network.

Have experience with Scada system from coding PLC, installation, and modify network.

Have experience in working with sensors: temperature PT100, pressure sensors ….

Have experience with coding PLC (Delta, Mitsubishi, B&R ….).

Experience with web server Scada/wonderware scada on job training with auto mail report coding with selenium python.

ON Semiconductor Vietnam: 6/2016-7/2017

Experience in the new product development department (R/D -NPD) of a global company that manufacture Semiconductor.

Have knowledge about the process surface mount technology (SMT) analog semiconductor manufacture ,

In this position we momodify machine for new chip/modun in new design for all SMT process from Chipmount ,diebond ,solder reflow ,frame cutting

Run DOE for some process chipmount ,diebond ,solder reflow optimize parameter to run for this new design in mass production if match the yield.

Collect sample good/defect fter run assembly to review quality ,yield ,finalise with DOE parameter to analise which is good range of parameter to run in real mass production .

Use tool FMEA ,5 why report and calculate CPK with the new design after run assembly to good yield for mass production

UNIVERSITY ACTIVITIES

My University requires *15 days social working outdoor* for graduation and I had 1 month that be called “trực cổng” every evening for that.

I usually attend seminar in university with company such as ESILICON, UNIGLO.

Attend technical practice at Renesas company.

Attend project “image processing” using VHDL, Verilog for coding on Quartus II and KIT DE2

Attend project “K means cluster” on MATLAB for separate color of an JPEG, PNG image

Final project for University graduation:

- Project Propeller clocks: are nothing new to anyone who has been into electronics for a while. They use an idea called POV, **P**ersistence **O**f **V**ision, which means that if something appears in the same spot consistently, at least 50-60 times per second, our brains think that it's permanently there when it really is not. TV's and Monitors use this method of display, so it's not as uncommon as you might think.

  My project using chip MCU AVR Atmega16, Atmega8, and 1 module board for Wireless Power transfer ,1 motor DC 12v ,16 LED, 2 resonating coils for wireless power transfer. Hence the project includes 3 module board:

  + The Atmega8 module board: process the Pulse Width Modulation (PWM) to adjust the speed of moto DC.

  + The Atemga16 module board (attach with moto DC): process display for 16LED.

  + Between 2 module board above is board Wireless Power Transfer and 2 resonating coils. This module provide Power for the Atmega16 board (attach with DC moto) while it turns without any wire .

  After project I can display TEXT and PICTURE

STRENGTHS

- Interested in Embedded C++ using Microcontroller .
- Have knowledge about electronics circuit.
- Have experience with coding web server using html/CSS, JavaScript, java spring boot ;php/python.
- I do love working with electronic device, modern technology, and I’m ready to work with it day by day.
- Can do coding for PLC/HMI for serveral type :Mishubishi,Delta,B&R...

- Ability to work hard and handle crisis situation & face challenges.
- Capable of working independently and in a team.

WEAKNESS

I play sport quite little instead of watching TV and youtube quite often .

PERSONAL RELAX and INTEREST

Can play and very interested in play table tennis

Watching TV,films ,youtube, playing games…

Run jogging to loose weight

I like to help people, I taught a 6 grade pupil with math and physics when I were at the university.

I'm a reliable, truthful, patient, honest and enthusiasm person.