

# Donald P. Labajo Jr.

## Back-End Developer

A career shifter: from an Industrial Automation Engineer to Web Developer. I took several courses from Coursera and Udemy and spent hours and hours on the computer learning how to code. Determined, hardworking, motivated and persistent. Hugely passionate in **MERN Stack**.



ecedonaldlabajojr@gmail.com



+639065279640



La Aldea Mactan Subdivision,  
Lapu-Lapu City, Philippines

## TECHNOLOGIES

Javascript (ES6)

Node.js (Express)

MongoDB

React.js

Redux

Reduxjs Toolkit

styled-components

SASS

HTML5

CSS3

EJS

Bootstrap4

GIT

Python

## WORK EXPERIENCE

### Back-End Web Developer

#### MedSpecialized Inc.

02/2021 - Present

Cebu City, Philippines

Web App: Learning Management Center (LMC) - a learning management system.

##### Achievements/Tasks

- building RESTful API's and new features, debugging, ensure performance of database and app's responsiveness to front-end requests
- work on front-end (CSS, HTML, SASS, AngularJS)
- recommend and implement improvements in program structure and database (MongoDB) model
- considerable contribution on back-end code refactoring, optimized database queries and updating code (by implementing JavaScript ES6) thus speeding up the app's response to requests.

### Application Engineer - Automation

#### TEC Square Solutions Inc.

10/2015 - 07/2020

Mandaue City, Philippines

PLC Programming, HMI/SCADA Development, Commissioning

- Create, simulate and test PLC programs (Allen-Bradley Logix5000 Controllers) for various systems such as Coffee Extraction, Evaporation & Filtration, Spray Dryer, Extract Storage System, HTST Pasteurization, etc.
- develop HMI/SCADA solutions for both standalone & distributed systems; develop and optimize applications based on High-Performance HMI Graphics.
- Interpret Piping & Instrumentation Diagrams (P&ID), Electrical & Control Loop Diagrams, perform I/O checking on site, panel checking prior to energization; instrument configuration (SMART transmitters & positioners), VFD configuration (PowerFlex), tuning PID loops, control network setup & troubleshooting & perform system conditioning & process control until such systems achieve desired operation as designed.

### Production Engineer (Maintenance)

#### Yamashin Cebu Filter Manufacturing Corporation

02/2018 - 10/2018

Lapu-Lapu City, Philippines

Maintenance, Machine Commissioning & System Upgrade

- Responsible in checking production machine and equipment used in filter manufacturing if they are running smoothly and efficiently, troubleshooting and maintenance of machines (motor control, temperature instrumentation, electro-pneumatics)

## CERTIFICATIONS

### The Complete 2021 Web Development Bootcamp

Udemy (Dr. Angela Yu) ~ <https://miniurl.li?s=IWEBD>

### React - The Complete Guide (including React, Hooks, Redux, React-Router)

Udemy (Maximilian Schwarzmüller) - <https://miniurl.li?s=Pvca>

### Front-End Web UI Frameworks and Tools: Bootstrap 4

The Hong Kong University of Science and Technology offered through Coursera. ~ <https://miniurl.li?s=jMJzs>

### Python Bootcamp from Zero to Hero

Udemy (Jose Portilla) ~ <https://miniurl.li?s=UZxe>

### Licensed Electronics Engineer

### Licensed Electronics Technician

### Instrumentation and Control Servicing (NC-II)

### Mechatronics Servicing (NC-II)

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styled-components

SASS

HTML5

CSS3

EJS

Bootstrap4

GIT

Python

## EDUCATION

### University of San Jose-Recoletos

#### Bachelor of Science in Electronics Engineering

06/2010 - 03/2015

## TRAININGS / BOOTCAMPS

### The Complete 2021 Web Development Bootcamp

Udemy (Dr. Angela Yu)

### React - The Complete Guide (including React, Hooks, Redux, React-Router)

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## MAJOR PROJECTS

### Mellower Coffee Extraction & Storage (Shanghai)

- PLC program, HMI Development and Commissioning & Startup (Studio5000, Wonderware Intouch)

### Tín Nghĩa Coffee Plant (Vietnam)

- PLC base program & SCADA Development (Studio 5000, Inductive Automation: Ignition)

### Mellower Coffee Roasting (Shanghai)

- Mobile HMI Development (SweetWilliam HMI) ~ monitor roasting and storage on mobile tablet

### Plantosa Coffee Filtration System (El Salvador)

- PLC program & HMI Development (Connected Components Workbench), using Micro850 & PanelView 800

### Plantosa Evaporation System (El Salvador)

- PLC program Development (Connected Components Workbench) using Micro850 & PanelView 800

## CHARACTER REFERENCES

### Dilson Patria Torrefiel (Alliance Software Inc.)

Technical Specialist II - Software Engineer ~ Contact # +639912182741

### Kenneth James B. Simbulan (MedSpecialized Inc.)

Full Stack developer ~ Contact # +639325032827

### Cape Caryl Cuevas (Lanex Corporation)

Software Development Engineer ~ Contact # +639568394595