

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



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La Aldea Mactan Subdivision,
Lapu-Lapu City, Philippines

TECHNOLOGIES

Javascript (ES6)

Node.js (Express)

MongoDB

React.js

Redux

Reduxjs Toolkit

styled-components

Material-UI

HTML5

CSS3

EJS

Bootstrap4

GIT

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.

Mandaue City, Philippines

(11/2015 ~ 8/2017) & (10/2018 ~ 07/2020) - 2 periods

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://cutt.ly/PWm0ljo>

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

Udemy (Maximilian Schwarzmüller) - <https://cutt.ly/BWm0oCc>

Front-End Web UI Frameworks and Tools: Bootstrap 4

The Hong Kong University of Science and Technology offered through Coursera. ~ <https://cutt.ly/MWm13Sp>

Python Bootcamp from Zero to Hero

Udemy (Jose Portilla) ~ <https://cutt.ly/HWm1HBH>

Licensed Electronics Engineer

Licensed Electronics Technician

Instrumentation and Control Servicing (NC-II)

Mechatronics Servicing (NC-II)

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Bootstrap4

GIT

EDUCATION

University of San Jose-Recoletos

Bachelor of Science in Electronics Engineering

06/2010 - 03/2015

TRAININGS / BOOTCAMPS

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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