

Calvin Estillomo Cabungcal



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<https://calijace2023.github.io/My-Portfolio/>

CAREER EXPERIENCE

Senior Engineer : Automation Engineer / Python Developer
Denso Ten Philippines Corporation
10/2019 – 11/2024

SKILLS APPLIED:

- ☐ Solidworks 2021
- ☐ PLC : Keyence / Omron
- ☐ SCADA / DCS
- ☐ IIOT - Web based
- ☐ HTML/CSS/JS
- ☐ Database : MySQL, Postgres, MongoDB
- ☐ API : Fast API
- ☐ Python : Django / Flask / BeautifulSoup / Tkinter / Pytest / Numpy / Pandas
- ☐ CI/CD : Jenkins / Github / Docker / AWS

Duties & Responsibility

- Support Denso Ten company wide excellent factory automation project
- Provide adequate training, technical and administrative guidance, and day-to-day instruction to the team.
- Responsible for reseaching and implementing new technology for industrial automation
- Design management including the production of concept designs, desing development and detailed desing.
- Collaborate with Denso Ten Global counter part, new model and process design preparation for mechanical and electrical
- train and mentor junior engineers and technicians ensuring best practices are followed.
- Ensure all SCADA systems comply with internal and external standards and cybersecurity protocols.
- Work closely with manufacturing, scheduling, procurement, engineering, and IT to align technology solutions with business goals
- Collaborate on the design and implementation of ERP+MES functionality to enhance manufacturing intelligence, operational efficiency, and process quality.
- Write clean, maintainable, and efficient OOP code in Python.
- Collaborate with front-end developers to integrate user-facing elements with server-side logic.
- Participate in all phases of the software development lifecycle, from planning and design to deployment and maintenance.

PROJECTS :

- ☐ Automated Conveyor Belt System
- ☐ Automated Inventory Management System
- ☐ Predictive Maintenance System with PLC Integration
- ☐ Production Scheduling and Optimization Tool

CAREER OBJECTIVE

As a highly skilled and innovative professional with expertise in Python development, design engineering, and industrial automation, I am seeking a challenging position that leverages my technical acumen and problem-solving abilities to drive efficiency and innovation in automated systems.

My goal is to contribute to a forward-thinking organization where I can apply my knowledge, skills and passion for technology to create impactful and sustainable advancements.

EDUCATION BACKGROUND

University of Perpetual Help System DALTA
Brgy. Paciano Rizal National Highway,
Calamba City, Laguna, Philippines 4027

- Bachelor of Science
Electronics Engineering BSECE

SKILLS

- Design Engineering (Mech. / Elec.)
 - Solidworks 2D/3D 2020+
 - AutoCAD 2020+
 - Autodesk Inventor 2020+
 - SketchUp + Vray
- Industrial Automation
 - PLC - (Keyence/Omron/Seimens)
 - SCADA / DCS / HMI
 - IIOT - Python / Web based
- Front End Dev. : HTML / CSS / JavaScript
- Python Developer
 - Backend (Server-Logic)
 - Python : Django / Flask
 - Computing Libraries : NumPy, Pandas and Matplotlib
 - Database : MySQL / MongoDB
 - API : Fast API
 - GUI : Tkinter
 - Embedded System : Raspberry Pi
 - Web Scraping : BeautifulSoup
 - IDE : PyCharm, VSCode

CAREER EXPERIENCE CONT...

Senior Supervisor : Business Development (SMT)
Mobilecycle Technologies Incorporated
03/2019 – 09/2019

Duties & Responsibility

- Spearhead to acquire and develop new businesses, design, develop. Building and qualify various needed products, projects, systems, machine and equipment for its internal needs and also to be offered directly to MTI's customers.
- Do sales calls and business development function together with the President/CEO.
- Engineering like various process engineering, line maintenance, facilities and NPI duties

Process Engineering 2 : Wirebond / Die attach
Tong Hsing Electronics Philippine Incorporated
09/2018 – 02/2019

Duties & Responsibility

- Develops and optimizes continuous production and mfg. yield and cycle time
- Handshake with previous shift Group Leader
- Report Machine Status Per Shift
- Perform Evaluation on Raw Materials (Lead Frames, Bendability, Die shears, Wire pull)
- Lead all SPC operator and monitor daily activities and measurements
- Generation Report of Daily SPC Report (Out control Specs.)

Senior Design Engineer : Automation
Jan David Technoloies Incorporated
02/2017 – 09/2018

SKILLS APPLIED:

- | | |
|---|---|
| <input type="checkbox"/> Solidworks 2016 | <input type="checkbox"/> Autodesk AutoCAD 2015 |
| <input type="checkbox"/> Autodesk Inventor 2016 | <input type="checkbox"/> PLC : Keyence / Omron |
| <input type="checkbox"/> Sketch Pro + Vray | <input type="checkbox"/> IOT : Python / Raspberry Pie |

Duties & Responsibility

- Proposed design concept base on the customers request and requirements.
- Project Management: materials, parts and component, project time-line, delivery
- Present designs and perform demonstrations of product prototype for clients approval
- Evaluate the function, safety and appearance of products to ensure they have a practical design.
- Help establish new and maintain existing standards
- Work with sales engineers to provide input with quote preparation as required
- Support sales engineer to provide clear technical information for every project.
- Supervise fabrication personnel for every project design and concept needed

TRAINING / BOOTCAMP / WEBINARS

- ☐ Modern Front-end Web Development - 2024
- ☐ The Complete Web Development Course - 2024
- ☐ 100 Days of Code The Complete Python Pro Bootcamp for 2023
- ☐ Python Testing with Pytest and Selenium - 2022
- ☐ DevOPs using Jenkins - 2022
- ☐ Full Stack Web Development with React JS, Angular and Node JS - 2022
- ☐ Developing Front-end application with React - 2021
- ☐ Introduction to Front-end Web - 2021
- ☐ Back-end Web Development - 2021
- ☐ Database structure and management with My SQL - 2020
- ☐ Introduction to Relational Databases (RDBMS) - 2020
- ☐ The Python Mega Course Build 10 Real World Applications - 2020

CERTIFICATES

- ☐ Python AI Developer - 2025 MIMO
- ☐ Responsive Web Desing - 2024 by freeCodeCamp
- ☐ ISO 9001 : QMS Risk Based Thinking Understanding and Critical Thinking and Problem Solving- 2019
- ☐ Internal Audit 2015 version - 2019
- ☐ Siemens SITRAN Prog1 - 2016
- ☐ ISO / TS16949 Core Tools - 2016
- ☐ Practical Root Cause Analysis - 2015
- ☐ Statical Process Control - 2014
- ☐ Train the Trainer - 2013

CAREER EXPERIENCE CONT...

Manufacturing Engineering 2 : Automation Integrator
Testtech Incorporated
05/2013 – 01/2017

SKILLS APPLIED:

- ☐ Solidworks 2012+ ☐ Autodesk AutoCAD 2015
- ☐ Autodesk Inventor 2016 ☐ PLC : Siemens / Omron
- ☐ Sketch Pro + Vray

Duties & Responsibility

- Spearhead to acquire and develop new businesses, design, Support Business Unit Development Operation
- Evaluate and improve on processes in manufacturing systems.
- Develop innovation solution / Automation System Improvement
- Improve process capability and production volume while maintaining and improving quality standards.
- Conduct time study of processes and Collect, record, and transcribe data.
- Develop and implement systems that optimize all phases of production process

Asst. Production Supervisor : Car Carpet Molding
Form Asia Incorporated
06/2010 – 10/2012

SKILLS APPLIED:

- ☐ Autodesk AutoCAD 2016
- ☐ SolidWorks 2010

Duties & Responsibility

- Creates and revised production drawings (details, dimensions and assembly drawings).
- Makes final sketch of proposed drawing, checking dimension of parts, materials to used, relation of one part to another, and relation of various parts to whole structure or project.
- Updates drafting and engineering standards.
- Converts existing production drawings to library catalogue.
- Communicates with tooling, QA, engineering and manufacturing regarding new and revised drawing.
- Conduct Water-Air Convective Simulation Cooling Test
- Conduct Daily Update Drawing Catalogue

CHARACTER REFERENCE

Mr. Jacob Calueng Malaguit
UPLB - Faculty Professor
University of the Philippines
Contact No : 09751156876

Mr. Juanico Llarena
Sr. PHP Developer
Microsourcing
Contact : 09198476773

Ms. Ronelyn Malaguit Solis
Technical Suport
Accenture Incorporated
Contact : 09169392253

I hereby certify that the above information is true and correct to the best of my knowledge and belief.


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