Calvin Estillomo Cabungcal

PYTHON DEVELOPER | AUTOMATION ENGINEER

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🐙 https://calijace2023.github.io/Portfolio/

CAREER SUMMARY

Highly skilled Senior Engineer with 5 years of experience in the full lifecycle of automation solutions, from development to deployment and maintenance. Proven ability to integrate full-stack web development, cloud technologies (AWS, Azure). Proficient in front-end and Python (Django, Flask) backend development, API creation, and leveraging machine learning libraries. Seeking a challenging role to drive innovation and scalability in cloud-connected automation through expert software development, cloud computing, and DevOps methodologies.

CAREER EXPERIENCE

Senior Engineer : Automation Engineer / Python Developer

Denso Ten Philippines Corporation

10/2019 – 11/2024

SKILLS :

- Front-end development ● Back-end developement
- API Integration ● DevOps CI/CD ● Python Development
- Machine Learning ● Team collaboration ● Leadership

- Participate in sprint planning, daily stand-ups, and other agile ceremonies.
- Build and maintain user interfaces using HTML, CSS, Node JS, JavaScript / Typescript and React JS / Vue JS
- Stay up-to-date with the latest technologies and trends in development, cloud computing, DevOps, and automation.
- Mentor and guide junior engineers / developer.
- Contribute to a positive and collaborative team environment.
- Take ownership of assigned tasks and deliver high-quality results within deadlines.
- Implement and manage CI/CD pipelines using tools like Jenkins and GitHub Actions.
- Implement and manage cloud-based storage solutions.
- Utilize cloud computing services to build scalable and resilient automation solutions.
- Design, deploy, and manage applications and infrastructure on cloud platforms services AWS (S3, EC2, SageMaker) and Azure (Azure Functions, Azure Blob Storage, Azure DevOps)
- Develop and deploy machine learning models for automation purposes. apply machine learning libraries (Tensorflow, Pytorch)
- Collaborate with cross-functional teams global counter part.
- Write clean, maintainable, and efficient OOP code in Python.
- Utilize containerization and deployment of applications (Docker and Kubernates)

EDUCATION BACKGROUND

Bachelor of Science
Electronics Engineering BSECE
University of Perpetual Help System DALTA
Graduation : 2013

SKILLS

- CAD Design Engineering
  - Solidworks, Inventor
  - AutoCAD, SketchUp + Vray
  - Photoshop
- Industrial Automation
  - PLC Programming
  - SCADA / DCS / HMI
  - IIOT - Python / Embedded System
- Front End Development
  - JavaScript ES7 / TypeScript
  - React JS, Vue JS
  - Node JS, Next JS
  - CSS / Tailwind
  - JQuery
  - HTML5
- Back End Development
  - Python
  - Web Dev. : Django, Flask
  - API : Fast API (RESTful, SOAP)
  - Database: MySQL, Postgresql, MongoDb, SQLalchemy
  - Machine Learning : Tensor flow
  - Data Analysis : Numpy, Pandas
  - Testing : Pytest, Selenium
  - Web Scraping : Beautiful Soup
- DevOp Technology
  - Github / Github Action
  - CI/CD : Jenkins / Azure DevOps
  - Container : Docker and Kubernetes
- Cloud Computing Flatform
  - Azure : Machine Learning, IoT Hub, Functions, Stream Analytics
  - AWS : EC2, S3, RDS, SageMaker

CAREER EXPERIENCE CONT...

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

- 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

SKILLS APPLIED :
- Group Leader ● Process Improvement ● SPC

- 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 :
- Solidworks 2016 ● Autodesk Inventor 2016 ● Sketch Up Pro+
- AutoCAD 2015 ● PLC Programming ● System Integrator
- Design Team Leader

- 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 Developement 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 Design - 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
Testech Incorporated
05/2013 – 01/2017

SKILLS APPLIED :

- Solidworks 2012 ● Autodesk Inventor ● Sketch Up + Vray
- PLC Programming ● Autodesk AutoCAD ● Photoshop
- TS16949 Core Tools ● Process Improvement

- 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 :

- Leadership ● Production Planning ● Collaboration
- AutoCAD 2012 ● CAD Catia V3 ● Autodesk Inventor

- 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. Jcob 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.

Calvin Estillomo Cabungcal