Nzoji Hipólito

Cloud Practitioner

Contact

Bathgate, West Lothian

+44-745-572-5474

nzojihipolito@gmail.com

https://nzorro1978.github.io/nzojihipolito/

https://www.linkedin.com/in/nzojihipolito/

Profile

Passionate and experienced software developer with practical knowledge of object-oriented design and Amazon Web Services. Strong problem solver with great implementation skills. Looking for an ambitious company which will challenge my problem solving skills and allow me to continue to develop my knowledge and potential.

Education

Post-Graduation - Automation and Robotics; University of Minho, Portugal; 2002-2003

Honors degree 1st Class - Industrial Electronics Engineering; University of Minho, Portugal; 1997-2002

Key skills

AWS (EC2, ELB, Lambda, IAM, CloudWatch, CloudTrail, S3, RDS, DynamoDB), Linux, C++, Python, C#, Java, Qt, OpenGL, MS SQL, MySQL

Certifications

AWS re/Start Cloud Practitioner

Experience

Jun 2018 – Oct 2020

Control Systems Engineer • Caledonia Technologies • East Kilbride

- Development of a Siemens HMI Application for a Baggage Handling System.
- Setup of Computers (Clients and Servers) for Distilleries Control Systems.
- Carry out PPM on several clients' distilleries.
- Commissioning of the Control System of a Malting Plant.

May 2017 – Feb 2018

Control and Automation Engineer • ID Systems UK • Cumbernauld

- PLC Programming for the control of a Pumping System.
- Developing of a SCADA application for an Orthophosphoric Acid Dosing System for the water industry.

Oct 2016 – Apr 2017

Service Technician • Amazon • Dunfermline

- Providing reactive and pro-active maintenance service to all operational equipment.
- Providing a multi-skilled maintenance service covering both electrical and mechanical disciplines.
- Carry out Planned Preventative Maintenance.
- Providing technical support/input to projects and initiatives

Systems Engineer • Elite Control Systems • Livingston

- PLC programming of conveyors for a waste treatment plant.
- Developing of a SCADA Application for a whisky bottling plant.

Jul 2012 – Nov 2013
Field Service Engineer • B:TECH • Czech Republic

- Installation and start-up of Krones machines for filling lines on-site of customers around the world.
- Training of customer's staff for the operation and maintenance of new machines.
- Maintenance and repair services.
- Commissioning and performance of acceptance tests of bottling and packaging lines.
- Programming of Siemens PLCs and Zenon Touch HMIs.
- Commissioning of conveyors, fillers, labellers and packaging machines, Danfoss, B&R and SEW VFDs.
- Troubleshooting of Profibus and ASI networks, sensors, safety devices and actuators.

Mar 2012 – Jul 2012
IT and Industrial Consultant • Bidirco Engineering Systems • Portugal

- Industrial Engineering Consulting.
- Industrial Systems to Business Intelligence Integration.
- Lead designer of 1st WAC prototype (an automatic weighing and identification system based on RFID technology).

Jan 2004 – Mar 2009
Research Engineer • University of Minho • Portugal

- Participation in a European Project JAST: 'Joint Action Science and Technology' (ref: IST-2-003747-IP).
- Developing C++ software for robotic systems integration (vision system, manipulators, cognitive systems, generic devices).