
CONTROL SYSTEM DESIGN | AUTOMATION MAINTENANCE | SYSTEM COMMISSIONING

Highly driven and result oriented engineering professional with extensive experience in control system design, control system upgrade, automation maintenance, technical support and system testing. Proficient in PLC programming and electrical panel design for various applications. Demonstrates technical judgement into control system installations. Possesses exceptional problem-solving skills and interpersonal skills, devises innovative solutions and adopts teamwork culture to meet business goals.

EXPERTISE OFFERED

- ❖ Control System Design
- ❖ Capital Project Integration
- ❖ Code Writing
- ❖ Safety Design
- ❖ SCADA Technology
- ❖ Factory Acceptance Testing
- ❖ PLC and HMI Technology
- ❖ Vendor Management
- ❖ Automation Projects
- ❖ Maintenance and Troubleshooting
- ❖ Functional Design Specifications
- ❖ Site Acceptance Testing
- ❖ Plant Control
- ❖ Multiple Project Management
- ❖ New Installations
- ❖ Plant Control
- ❖ Report Writing
- ❖ TCP IP, Modbus, Profibus Networking

CAREER SNAPSHOT

Control System Engineer, G&A Barnies, Oct 2022 – Feb 2023

Director, Matheson Services Ltd, Jun 2019 – April 2022

Director, Sparkup Electrical Ltd, December 2019 - November 2021

Systems Engineer, Semco Maritime, Jun 2019 - December 2019

Director, Matheson Automation, Oct 2018 - Jun 2019

Systems Engineer, XL Automation, Jan 2016 - Oct 2018

Controls Engineer, Aker Solutions, Sept 2014 - Jan 2016

Controls Engineer, GE Oil and Gas, Dec 2013 - Sept 2014

Controls Engineer, Aker Solutions, Nov 2012 - Dec 2013

Systems Engineer, Cameron, Aug 2009 - Nov 2012

Controls System Engineer, Sterner Aquatech, Jul 2008 - Aug 2009

Controls System Technician, SGL Technic Ltd, Sept 2004 - July 2008

EDUCATION AND PROFESSIONAL DEVELOPMENT

- ❖ BSc Electrical Engineering
 - ❖ SVQ Level 2 Performing Engineering
 - ❖ Allen Bradley PLC 5 Programming
 - ❖ IEE 18th Edition Electrical Installation
 - ❖ HND Electrical Engineering
 - ❖ Siemens Step 7 TIA Service
 - ❖ Yogogawa CS3000 Programming
 - ❖ HND Year 1 Annual Award
 - ❖ NC Electrical Engineering
 - ❖ Siemens Step 7 TIA Programming
 - ❖ Linux Kernel
 - ❖ HND Year 2 Annual Award
-

CAREER NARRATIVE

G&A Barnies

- ❖ Internal Project - Siemens TIA Portal V16 Software Development

Matheson Services Ltd

- ❖ Bonny craig Project - Siemens TIA Portal V16 Software Development

Sparkup Electrical

- ❖ Electrical Installation works

Semco Maritime

- ❖ PLC 5 Software Migration upgrade to Step 7 TIA Portal V15 for distributed control system on the Foinaven FPSO
- ❖ PLC Code development and functional Test on Siemens 1200 series for Potable Water System

Matheson Automation Ltd

- ❖ Code development and testing for an offshore Tensioner using Siemens 300 Series Hardware
- ❖ Commissioning of a Hydraulic Power
- ❖ Pump System software development and commissioning
- ❖ Software Testing on Gantry Crane

XL Automation

- ❖ Constructed, Tested and Commissioned Gas monitoring Schneider PLC Control Panel
- ❖ Constructed, Tested Fire and Gas Monitoring System

Aker Solutions

- ❖ Kaombo Project Hardware and software vendor Management

GE Oil and Gas

- ❖ Functional Test and modifying IWOCS HPU PLC Control System

Aker Solutions

- ❖ Managing vendors for the integration of the Multiwocs PLC Control System MOHO Project
- ❖ Conducting FAT's on Multiwocs PLC Control Systems MOHO Project

Cameron

- ❖ Offshore travels to support Production Control System assets, FATs, SITs and routine maintenance on various FPSO's
- ❖ Vendor Management for IWOCS design, build and testing for Husky Liwan Project

Sterner Aquatech

- ❖ PLC code development, electrical design and control system assembly and testing for various systems within the water industry
- ❖ Control System routine maintenance on docked ships

SGL Technic

- ❖ Fault finding and maintenance on all electrical automation systems throughout the plant
- ❖ PLC code development and panel construction for various integration projects throughout the site

TECHNICAL EXPERTISE

Windows Operating System | AutoCAD | SAP | Microsoft Office | Cisco Network Setup | Siemens Win CC and Step 7 TIA Portal V16 | Allen Bradley PLC 5

REFERENCES

Available upon request