

Kristopher Perovic

Engineering Manager

A customer-oriented leader with excellent communication, project management, and team-building skills seeks to build on an industrial manufacturing background with a full-time direct hire position in the Orlando area.

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Work Experience

November 2021 - Present

Engineering Manager

Gas Turbine Efficiency

Orlando, FL

- Managed daily activities of up to 13 full-time engineers and 2 part-time interns, including **issuing assignments** and **providing training** within a competency improvement framework
- Created **onboarding materials**, including work procedures, product design checklists, and HSE presentations
- Evaluated project requirements to **develop cost estimates** and **identify and mitigate risks during production**
- Developed **KPI analysis tools** to build accountability based on on-time delivery (OTD), cost of leftover parts, and cost of non-conformance (CONC)
- Led company implementation of new **ERP and PLM systems, configurable products**, and **various project management tools**
- Worked regularly with customers, sub-suppliers, and teammates within other departments and across the global organization

November 2015 - November 2021

Senior Electrical Engineer

Gas Turbine Efficiency

Orlando, FL

- Designed **gas turbine balance of plant (BOP) systems** i.e., ammonia forwarding control units, compressor skids, gas detection panels, and blade wash units for OEMs in general purpose and hazardous locations
- Designed packaged electronic control compartments equipped with lighting, utility power, HVACs, pressurization units, safety showers, lightning protection, and fire safety systems
- Designed **wiring diagrams, control panels, logic diagrams**, and **PLC & HMI programs**
- Created and performed **testing procedures** based on customer specifications and applicable standards
- Created **operation and maintenance manuals** for various products
- Created **company standards for control panel and cable routing design** based on applicable standards for domestic and foreign markets
- Performed **field service** at out-of-state power plants to troubleshoot and repair various electrical and control issues for company and competitor products
- Mentored new hires in project-specific tasks and application of electrical engineering principles.

December 2014 - November 2015

Electrical Engineer

MAC Products

Kearny, NJ

- Designed **control panels and utility systems** of pumping plants at electrical substations
- Designed **custom machinery** to automate sections of the manufacturing facility, i.e., bus bar insulation, induction brazing, and contactor testing
- Wrote **ladder logic** and **designed HMI programs** for GE PLCs, QuickPanels, and IPCs
- Wrote custom software to manage AutoCAD Electrical drawing revisions
- Wrote custom software to remotely and securely monitor the status of pumping plants using serial encryption devices and telecom infrastructure

Education



2009 - 2014

New Jersey Institute of Technology

Electrical and Computer Engineering (Control Systems)

- Successfully designed and constructed **award-winning autonomous GPS-guided fish finder**
- Organized and participated in college events and scheduled, attended, and regularly wrote reports for meetings with academic committees as **Student Government Association President (2 terms)**
- Recipient of **Who's Who Among Students in American Universities and Colleges 2011** Award

Key Skills



Project Management



Lean Manufacturing



Six Sigma



Process Improvement



Industrial Codes & Standards



2D CAD Drawing



PLC & HMI Development

Additional Skills

- Able to prioritize and remain focused under pressure and with minimal supervision
- Wide array of technical skills, including the development and operation of proprietary industrial-grade electromechanical equipment, wireless RF equipment, web design, programming, and office applications
- Proficient in UL508A, NEC, IEC, ATEX, NFPA 79 requirements – certified UL508A MTR (exp. 9/2023)
- Proficient in AutoCAD, Machine Edition, Studio 5000, DIALux, Cimplicity, Visual Studio, PuTTY, MATLAB, and Microsoft Office – plus working knowledge of VBScript, C, and Assembly Programming
- Familiar with SiemensNX, Solid Edge, SolidWorks, EPLAN, ETAP, and LabVIEW

Languages



English – Native