



# Michael ANDERSON

## AUTOMATION ELECTRICAL ENGINEER

Experienced MEP Electrical Engineer specializing in automation and control systems with over 9 years of experience in the manufacturing sector. Proven expertise in designing and implementing electrical control systems that optimize production efficiency and ensure workplace safety. Strong background in troubleshooting electrical issues and implementing preventative maintenance programs. Proficient in using PLC programming and SCADA systems for real-time monitoring and control.

### CONTACT

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- 📍 San Francisco, CA

### SKILLS

- PLC Programming
- SCADA Systems
- Control Systems Design
- Troubleshooting
- Preventative Maintenance
- Team Collaboration

### LANGUAGES

- English
- Spanish
- French

### EDUCATION

**BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING, TECHNICAL UNIVERSITY, 2010**

### ACHIEVEMENTS

- Reduced production downtime by 30% through effective maintenance strategies.
- Recognized for outstanding performance in automating manufacturing processes.
- Successfully led a project that increased production efficiency by 20% through system upgrades.

### WORK EXPERIENCE

#### AUTOMATION ELECTRICAL ENGINEER

Manufacturing Innovations Inc.

2020 - 2025

- Designed control systems for automated manufacturing lines, improving efficiency by 25%.
- Developed and implemented PLC programs for machine automation.
- Conducted regular inspections and maintenance of electrical systems to prevent downtime.
- Worked with cross-functional teams to troubleshoot and resolve electrical issues.
- Created technical documentation and user manuals for control systems.
- Trained staff on operating procedures for automated systems.

#### ELECTRICAL ENGINEER - CONTROLS

Tech Manufacturing Co.

2015 - 2020

- Designed electrical schematics for control systems in industrial applications.
- Implemented SCADA systems for real-time monitoring and control of production processes.
- Collaborated with engineering teams to improve system reliability and performance.
- Analyzed data to identify areas for process optimization.
- Managed the installation of electrical control panels on-site.
- Provided ongoing support and troubleshooting for control systems.