

Ibrahim Burgess

Senior Engineer, SCADA & Automation

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SUMMARY

Results-driven engineer with over 6 years of experience in SCADA and automation systems within energy sector. Proven expertise in PLC programming and project management, leading multiple large-scale automation projects from inception to completion while ensuring compliance with safety and environmental standards. Strong technical leadership skills combined with a proactive approach to stakeholder engagement and contractor management. Committed to continuous improvement and innovation in control systems. Eager to contribute industry knowledge and leadership capabilities to Innovative Energy Solutions.

EXPERIENCE

Senior SCADA Engineer

GreenTech Innovations 📅 June 2021 - Present 📍 Austin, TX

Provides senior-level technical oversight for SCADA and automation projects, ensuring timely delivery within budget constraints. Successfully collaborates with cross-functional teams to enhance safety practices and improve operational efficiency across various field locations.

- Lead PLC programming initiatives utilizing Allen-Bradley and Ignition Perspective, optimizing system performance and reliability.
- Manage contractor relationships, overseeing project scopes and ensuring adherence to quality standards and timelines.
- Conduct regular site visits to assess equipment functionality and implement necessary adjustments to meet operational demands.
- Develop and maintain comprehensive project documentation, ensuring alignment with regulatory and environmental guidelines.

Automation Project Engineer

Energy Solutions Corp 📅 January 2018 - May 2021 📍 Dallas, TX

Executed automation projects involving ROC 809 and FloBoss flow computers, enhancing data accuracy and system reliability. Spearheaded the implementation of new technologies in SCADA systems to improve communication and operational workflows.

- Maintained budget oversight for department activities, efficiently allocating resources and minimizing costs.
- Engaged with field personnel to troubleshoot and resolve technical issues, fostering a collaborative work environment.
- Delivered training sessions for junior engineers and contractors on best practices in automation and safety protocols.
- Achieved a 15% reduction in project delivery time through effective scheduling and resource management.

SCADA Engineer

TechWave Solutions 📅 August 2015 - December 2017 📍 Houston, TX

Developed and implemented SCADA systems across multiple projects, ensuring compliance with industry standards and best practices. Conducted field assessments to determine equipment needs and propose innovative solutions for system integration.

- Facilitated communication between stakeholders, ensuring project alignment with organizational goals and regulatory requirements.
- Assisted in preparing and managing project budgets, tracking expenditures, and reporting on financial performance.
- Improved system uptime by 20% through proactive maintenance and troubleshooting strategies.
- Coordinated with contractors to execute automation solutions, ensuring project milestones were met on schedule.

LEADERSHIP & AWARDS

- Certified Automation Professional (CAP) - 2023
- OSHA 30-Hour General Industry Safety - 2024

EDUCATION

Bachelor's Degree in Electrical Engineering

University of Texas at Austin 🎓 GPA: 3.5 📅 2015 📍 Austin, TX

Coursework: Electromagnetics, Control Systems, Circuit Theory, Digital Computing

CERTIFICATIONS

- Certified Automation Professional (CAP) 📅 2023
- OSHA 30-Hour General Industry Safety 📅 2024

TECHNICAL SKILLS

- **Control Systems:** PLC Programming, SCADA, Controls Integration
- **Project Management Tools:** Trello, Asana, Microsoft Project

- **Communication Tools:** Microsoft Teams, Zoom, Slack
- **Automation Software:** Ignition Perspective, ROC 809, FloBoss
- **Safety Standards:** OSHA Regulations, Environmental Guidelines, Best Practices
- **Engineering Software:** MATLAB, AutoCAD, LabVIEW
- **Contract Management:** SAP, Procore, Oracle
- **Data Analysis Tools:** Tableau, Excel, Python
- **Document Management:** SharePoint, Confluence, Google Drive
- **Collaboration Platforms:** Office 365, Notion, Basecamp

SKILLS

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|-------------------------|----------------------------|----------------------------|--------------------------|
| • SCADA Systems | • Communication | • Documentation Management | • Stakeholder Engagement |
| • PLC Programming | • Safety Compliance | • Equipment Assessment | • Quality Assurance |
| • Project Management | • Emerging Technologies | • Data Analysis | • Resource Allocation |
| • Contractor Management | • Field Operations Support | • Team Training | • Operational Efficiency |

PROFESSIONAL AFFILIATIONS

- Society of Automation Engineers
- IEEE Power and Energy Society

LANGUAGES

- English (Native)
- Spanish (Proficient)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST