

Amara Patel

amara.patel@example.com • (555) 123-4567 • Austin, TX • linkedin.com/in/amarapatel

SUMMARY

Results-driven Senior Automation Controls Engineer with over 10 years of experience in designing, implementing, and optimizing automation systems in manufacturing environments. Proficient in advanced control strategies and a proven track record of improving operational efficiency and reducing costs.

EXPERIENCE

Senior Automation Controls Engineer

Jan 2022 - Present

Innovative Solutions Inc., Austin, TX

- Led a project that improved production efficiency by 25%, resulting in a savings of \$500,000 annually.
- Implemented a new PLC programming standard that reduced troubleshooting time by 40%.
- Developed and executed an automation strategy for a new production line, achieving a 30% reduction in assembly time.

Automation Controls Engineer

Jun 2018 - Dec 2021

Tech Manufacturing Co., Dallas, TX

- Designed and programmed HMI and SCADA systems that enhanced real-time monitoring capabilities, leading to a 20% reduction in downtime.
- Collaborated with cross-functional teams to integrate IoT solutions, increasing data collection efficiency by 35%.
- Conducted training sessions for engineers on new automation technologies, improving team productivity.

Junior Automation Engineer

Aug 2015 - May 2018

Manufacturing Solutions LLC, Houston, TX

- Assisted in the development of control systems for automated machinery, contributing to a project that increased output by 15%.
- Performed troubleshooting and maintenance of control systems, achieving a 95% first-pass yield.
- Participated in a cost-reduction initiative that saved the company \$100,000 through process optimization.

EDUCATION

Bachelor of Science in Electrical Engineering

May 2018

University of Texas, Austin, TX • GPA: 3.7

SKILLS

Technical Skills: PLC Programming, HMI Development, SCADA Systems, Control System Design

Tools & Frameworks: Siemens TIA Portal, Rockwell Automation, AutoCAD Electrical