
MIKAL WILLIAMS

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Overview

Keen Engineer with 6+ years of experience in the manufacturing industry. Strong automation development skills and background working with engineering and quality teams. Organized, independent worker with strong time management skills. Successful working in both team and self-directed settings. The aptness to quickly learn and master new technologies. I'm not an individual who needs to be micromanaged when given a specific task, and during any given situation I'll do my best to solve the problem.

Highlights

- HTML & CSS, Bootstrap, JavaScript, NodeJS, jQuery, React, Python, PHP, SQL, Docker, WordPress, REST APIs, Ajax, Git.
 - Microsoft Office Suite
 - SAP ERP knowledge
 - Issue and conflict resolution
 - Design and development
 - Project documentation
 - Proficient troubleshooting skills; ability to analyze code and engineer well-researched, cost-effective and responsive solutions.
 - PLC IEC61131-3 programming
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Experience

Application Support Engineer Bosch Rexroth

07/2019 to Current
Hoffman Estates, IL

- Assisted engineers in developing, building and testing prototypes for new products.
- Analyzed and interpreted engineering information to identify needs and make recommendations.
- Debugged and repaired application issues.
- Collaborated with internal teams to resolve customer issues and support customer service goals.
- Performed troubleshooting and resolution for company-wide technical issues.
- Restored applications using programming PLC control systems (IEC61131-3).
- Collaborated with other members of team to handle troubleshooting and debugging.
- Reviewed operations and conferred with technical or administrative staff to resolve production and processing problems.
- Worked from layout and work order, created programs and set up machines to process required parts.
- Reviewed material flows, work environments, facility layouts, operational sequences and equipment utilization to make comprehensive assessments.
- Assisted engineers in developing, building and testing prototypes for new products.

Manufacturing Technician Dow Chemical Company

07/2017 to 07/2019
Ringwood, IL

- Monitor/Operate equipment that uses and/or processes chemicals. Many variables need to be monitored, such as temperature, pressure, fluid levels, etc.
- Set-up machines for various jobs up to ensure high-quality manufacturing and waste reduction of polymerized material.
- Performed programming and troubleshooting with DeltaV distributed control system.
- Received and correctly processed both written and verbal instructions, prints and work orders.

Automation Technician Hydac Hydraulic

06/2016 to 07/2017
Glendale Heights, IL

- Documented robotics test procedures and results.
- Communicated automation test results to team members and highlighted potential risks.
- Maintained detailed recordkeeping and updated project documentation to compile reports.
- Evaluated reliability of industrial robotic systems to maximize quantity and quality.

Education

Bachelor of Science: Web Development Concentration, Information Technology Expected in 08/2025

DePaul University

Chicago, IL, United States

- Minor in Software Engineering

Certificate of Completion: Backend, SQL And DevOps With Python

2202-2022

Nucamp Bootcamp

Online

- 240-hour immersive back-end focused bootcamp

Associate of Applied Science: Web Development & Interactive Design

2022 Graduate

College of Lake County

Grayslake, IL, United States

- [3.4] GPA