AISHA RAHMAN

MES ENGINEER

CONTACT

aisha.rahman@email.com
(402) 555-0146
Omaha, NE
linkedin.com/in/aisharahman

SUMMARY

MES Engineer with 6 years building manufacturing systems for food and equipment plants. Configures MES on Ignition, writes SQL, C#, Python and JavaScript integrations to SAP and SCADA, and authors the recipes and workflows operators use every shift. Brings strong problem-solving skills to production issues and new line launches.

SKILLS

- MES
- Ignition
- SQL
- C#
- Python
- JavaScript
- SAP
- SCADA
- System Configuration
- Manufacturing Processes

EDUCATION

Bachelor of Science
05/2020
Iowa State University
Ames, IA
Computer Engineering

CERTIFICATES

Ignition Gold Certification
2023
Inductive Automation

EXPERIENCE

MES Engineer 04/2022 - Present
Prairie Foods Manufacturing Omaha, NE
Food processor running 3 plants and 26 packaging lines.

- Deploy MES system configuration on Ignition across **3** plants, covering 26 lines and 500 daily work orders.
- Build SAP integrations in C# that post production confirmations in real time, ending 4 hours of manual entry a shift.
- Author recipe and workflow definitions for 180 products, cutting changeover errors by 60%.
- Optimize SQL queries behind OEE and downtime reports, dropping load times from 40 seconds to 3.

Manufacturing Systems Analyst 06/2020 - 03/2022
Heartland Ag Equipment Des Moines, IA
Farm equipment maker with 2 assembly plants.

- Developed Python and JavaScript tools that pulled SCADA data into a traceability database for 2 plants.
- Supported the MES rollout to 1,200 users, resolving 300+ tickets in the first 6 months.
- Mapped manufacturing processes for 9 assembly lines with engineering and production leads.
- Trained 150 operators and supervisors on MES screens in 20 classroom and floor sessions.

Manufacturing Systems Intern 05/2019 - 08/2019
Ames Prairie Foods Ames, IA
Summer internship at a food packaging plant.

- Wrote SQL reports on downtime for 6 packaging lines, used in daily production meetings.
- Configured 40 SCADA tags in a test historian to trial OEE tracking on 1 line.
- Documented barcode scanning steps for 3 receiving and shipping workflows.