Jason M. Eisele

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Summary

- Experienced Senior ML Engineer with a demonstrated history of working in both E-Commerce and the automotive industry.

Experience

Shipt. - Birmingham, AL
Senior Machine Learning Engineer   **August 2021 - Current**

- Individual Contributor for Shipt's internal ML platform "Espresso"
    - Contributes to the overall design, implementation and execution of delivering a custom ML platform made of both OSS and commercial products
    - Components include jupyter notebook environment, feature store, experiment management, model registry, model monitoring, model serving
- Collaborate with a cross-functional team of Data Science, Engineering, Product, Marketing, etc., to deliver ML services with quality, efficiency, and affordability.

Python, ReactJS, SQL, Docker, Kubernetes, CometML, Airflow, FastAPI, Feast, Grafana, Snowflake, Prometheus, Drone, Concourse, Slack Integrations

Machine Learning Engineer   **June 2020 - August 2021**

- Supported a team of ~10 data scientists deploy ML models into production as solutions for product teams
    - ML Solutions included REST APIs, Batch processes, & Kafka Streaming solutions
- Design, deploy and maintain a cloud infrastructure system for the scheduling and deployment of Data Science's analytic and machine learning jobs
- Collaborate with Engineering and Product teams to implement machine learning interfaces
- Build actionable monitoring and alerting systems

Python, SQL, Docker, Grafana, Airflow, AWS Batch, Snowflake, Prometheus, MLFlow, Slack Integrations

Mercedes-Benz U.S. International Inc. - Vance, AL
Data Scientist   **February 2018 - June 2020**

- Build end-to-end data solutions to solve complex business problems in the realm of plant operations, supply chain and quality.
- End to end solutions include data acquisition and storage, munging, modeling, deploying and monitoring performance.
- Experience engineering with both batch and streaming data solutions.

Python, InfluxDB, Telegraf, Grafana, Elastic, PostgreSQL, Node-Red, Airflow, RabbitMQ, Jenkins, Docker, DataBricks, Azure, MLFlow, SSIS, Kibana, Plotly and Qliksense for BI/visualization.

Business Intelligence Developer   **September 2015 - February 2018**

- Develop technical solutions to business problems in the realm of SAP Plant Maintenance (PM) and Materials Management (MM).
- Facilitate business needs between local business units and extended support (CoC).
- Lead cross-functional teams to collect business requirements, perform ETL (Extract, Transform, Load) and develop BI applications to support business units with faster abilities to make better decisions with deeper insights into data.
- Model data to support performance requirements thus enhancing user adoption rate of Qlikview &/or Qliksense BI applications.

Rockwell Automation (Contractor with MBUSI) – Vance, AL

Reliability Engineer   **November 2013 – September 2015**

- Identify and manage asset reliability risks that could adversely affect plant or business operations
- Manage risk to the achievement of an organization's strategic objectives in the areas of environmental health and safety, asset capability, quality and production.
- Model asset risk through reliability and survivability studies and Weibull statistical analysis using Minitab.
- Work with project engineering to ensure the reliability and maintainability of new and modified installations.
- Responsible for adhering to the life cycle asset management process throughout the entire life cycle of new assets.
- Model data and develop local Qlikview BI application to further enhance Paint Shop's position as a Data Driven Business Unit.

United States Navy – U.S.S John C. Stennis CVN - 74

Reactor Mechanical Leading Petty Officer   **May 2012 – April 2013**

- Oversaw 35 personnel and instruct junior sailors in all aspects of planned and corrective mechanical maintenance and operations for #1 Reactor Auxiliary Room.
- Instill an atmosphere of professionalism and mentorship that exceeds all standards that is necessary to maintain a quality work and learning environment.
- Implemented and enforced 5S standards in #1 Reactor Room.

Work Center Supervisor (Maintenance Planner and Scheduler)   **February 2011 – May 2012**

- Plan & schedule all #1 Reactor Mechanical Maintenance, both planned and unplanned for 35 craft workers.
- Adhere to the expectations set forth by NRO/ NRC for radiation safety of all personnel while performing maintenance inside and outside the reactor compartment.
- Schedule compliance goal set at 85% and exceeded over 90%.

Chief Reactor Watch   **May 2009 – April 2013**

- Continuously monitor all operating parameters of #1 Reactor Auxiliary Room including both the secondary steam side and primary reactor side.
- Consistently reinforced the Naval core watch-standing principles of Integrity, Level of Knowledge, Procedural Compliance, Forceful Backup, Formality and Ownership.
- This led to being a top selectee for ORSE (Operational Reactor Safeguards Examination) Chief Reactor Watch

Education and Recognitions

Syracuse University - Martin J. Whitman School of Management *Master of Business Administration (MBA), Business Analytics* (2017 - 2019)

Thomas Edison State University Bachelor of Science - *BS, Nuclear Engineering* (2013 - 2015)

Nuclear Power School - Naval Nuclear Power Training Command (NNPTC) *Nuclear/Nuclear Power Technology/Technician* (2007 - 2008)

DataCamp Credential - Python Programmer (issued 2017)
Data Camp Credential - Data Scientist with Python (Issued 2018)
DataCamp Credential - Data Engineer with Python (issued 2019)
Navy/Marine Corps Achievement Medal (2 Awards)
Reactor Department Sailor of the Year
USS John C Stennis Sailor of the Quarter