**ETHAN HERRING**

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**PROFESSIONAL SUMMARY**

I am a results-driven software developer with extensive experience in supply chain operations. I have a proven track record of creating efficient and automated systems, such as a Supply Chain Analytics Portal and a procurement automation solution, using technologies like ReactJS, Python, and AWS. My expertise also includes team & project leadership, process optimization, and software deployment.

**EXPERIENCE**

***Data Insights Analyst III (Full Stack Development), Blue Origin 05/01/2023 - Present***

* Created Supply Chain Analytics Portal Using ReactJS with Python FastAPI Backend.
* Created Procurement System Mass Upload Form and API ~ Automated 500 Labor Hours per Week.
* Utilized Terraform to Create AWS ECS + S3 Infrastructure for Data Automation and Reporting.
* Created Team Gitlab Repository, Team Workflow, & Documentation.

***Business Intelligence Analyst III, Blue Origin 06/21/2022 – 05/1/2023***

* Proposed and Implemented Purchase Order Status Automation Using AWS ECS, Docker, & Python. Reduced Manual Supplier Communications by Eliminating 500 Hours per Week Across Purchasing Team.
* Created Several DBT Data Models Allowing New Access to Supply Chain, Lead Time,
* and Engineering Data.
* Automated Capture of Supplier Email Responses and Created AWS Athena Reporting.
* Created ETL Script to Capture Previously Unavailable Procurement System Data and Automating Manual Extract Hours by 100 Hours ~ Year.

***Supply Chain Leadership Development Program, Textron Inc 08/01/2020 - 05/01/2022***

* Utilized Python and SharePoint Rest API to Automated Supply Chain Contracts Workflow
* Facilitated and Organized Daily Process Meeting with 20 Cross Functional Team Leaders
* Migrated Previous Access Database Logic to Alteryx, SQL, and Created Custom Hadoop Cluster to Overhaul Reporting Infrastructure and Reduce VBA Codebase by over 2,000 Lines of Code

**EDUCATION**

***Bachelor of Science, Finance 05/2020***

Baker University

**CERTIFICATIONS**

AWS Cloud Practitioner (July 2023)

**COURSEWORK**

Predictive Analytics (Graduate – Pennsylvania State University)

Data Mining (Graduate – Pennsylvania State University)

Statistics (Graduate – Pennsylvania State University)

**SKILLS**

Typescript, Python, AWS, Terraform, (Learning) Java