Matthew Hathaway

Software/Data Engineer with experience in Java, Python, React, and other programming languages. A passion for object-oriented programming and data management. Experienced in developing applications that deliver intuitive user experiences. Proficient in project and IT management and has experience working with technologies such as Palo Alto Firewalls, Security+, and A+. Strong skills in SQL, PostgreSQL, and UX/UI design. Committed to delivering solutions that meet user needs and exceed expectations.

Contact

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Portfolio Website
MattHathaway.com

GitHub Link
github.com/MattLHathaway

Technical Skills

- Java
- Python
- SQL
- PostgreSQL
- Pandas
- JavaScript
- HTML
- CSS
- React
- APIs
- JDBC
- Object Oriented-Programming
- Palo Alto Firewall Management
- UX/UI Design

Recent Work History

2022-09 – 2023-03

Data Engineer

SkillStorm, Fort Worth, TX

Training in Data Engineering using Python, SQL, and Spark. Work on multiple extract, transform, and load projects from initial CSVs to a fully useable PostgreSQL database. After using Python to organize, clean, and prepare a data set for use in a database, I use SQL queries to attain answers to questions pertaining to the business at hand.

I have also received training in Network Security, particularly in Palo Alto Firewalls and threats to networks in general. This included designing a network and setting up a Palo Alto firewall in an Azure cloud environment.

2017-10 – 2022-08

Delivery Coordinator

Vandergriff Acura, Arlington, TX

Lead customer service representative and product specialist for a team of luxury automotive sales consultants. Organized improved work-flow standards and managed training of new employees towards meeting customer satisfaction. Responsible for the troubleshooting, and resolution of customer concerns requiring technical support. Supported thousands of prestigious customers over four years.

Recent Projects

Bastion Analytics ETL Project

I was tasked with providing an Extract, Transform, and Load (ETL) pipeline for the U.S. Customs and Border Protection. The shipping data was generated from an Automated Manifest System (AMS) for shipments from 2018-2020.

- Utilized the Python library Pandas to perform exploratory data analysis of the dataset to determine an appropriate data model/cleaning strategy
- Determined an appropriate Data Lake structure with bronze, silver, and gold layers
- Developed SQL and Python scripts to create partitioned and indexed tables in Postgres and automate loading the transformed data into tables

Sparrow Insights ETL Project

I was tasked with migrating developing an ETL pipeline on Azure Databricks.

- Created and managed a data lake on ADLS (Azure Data Lake Storage) with raw conformance and curated layers
- Developed multiple PySpark scripts for each stage of the ETL pipeline
- Aggregated data using business reporting requirements for use in visualization and BI tools

Java Inventory App

http:/matthathaway.com/javapartprogram.html - I built this GUI app using JavaFX. it allows the user to add, delete, and modify parts and products.

Personal Website

http:/matthathaway.com/ - I built this personal website to showcase my HTML, CSS, and JavaScript

capabilities. It also includes a page dedicated to a JavaScript API to show the weather for any city you type in.

C++ Student Roster Program

http:/matthathaway.com/cpproster.html - I built this C++ project to take in a string table of student information and store it as an array of objects. The user may then use functions to sort, add, delete, or modify students in various ways.

Certifications

2021-12	CompTIA A+ Certified
2022-12	CompTIA Security+ Certified
2022-03	CompTIA Project+ Certified
2022-02	ITIL 4 Business of IT Certified
2023-01	Palo Alto Network PCNSA Certified

Education

Bachelor of Science In Software Development – 2021-2022

Western Governors University - Salt Lake City, UT

Associates Degree: Computer Programming – 2020-2021

Tarrant County College District - Fort Worth, TX