

Tyler Price

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Experience

Store All the Bits | Overland Park, KS

Full Stack Software Developer | 03/2022 - 02/2024

- Developed, deployed, and orchestrated the design and launch of a web-based print job tracking app leveraging the Django REST framework, Docker, and PostgreSQL; facilitated real-time monitoring of print jobs.
- Tracked 3D printing jobs to fulfill orders through the use of PostgreSQL relational databases, improving order fulfillment efficiency.
- Operated the successful transition to cloud deployment using Docker, enabling seamless scaling and maintenance.
- Developed an evolutionary system architecture that allows for seamless updates and feature additions.
- Collaborated with team members on agile software development practices increasing productivity and efficiency.
- Conducted the development of a comprehensive software solution using PostgreSQL and Django; optimizing backend processes.
- Spearheaded the migration and integration of AWS and Azure cloud platforms.
- Directed the development and integration of a PostgreSQL Relational Database to support the BFF solution, streamlining CRUD operations for enhanced query flexibility.
- Responsible for executing the full Software Development Life Cycle for the Print Job Tracking (PJT) web application. The application enables the tracking of order fulfillment for multi-part products composed of components that vary in color and quantity. Functionality enables the user to update print jobs as they are completed and see material and time requirements for upcoming print jobs, as well as add new products / components and new orders.
 - Leveraged the Agile approach using iterative builds to ensure application met user requirements.
 - Participated in daily scrum meetings with the user in order to obtain feedback on designs and provide updates on progress.
 - Used wireframes, screen mock-ups, and requirements documents to design and implement the application.
 - Implemented with a Django front-end driven by a relational database (PostgreSQL).
 - Deployed via Docker in order to provide ease of testing, deployment, transportability, and future scaling, if needed.
 - Application source code is controlled through Github.

Skills

Programming: Python, C++, Java, JavaScript, C#, Web Development: Django, REST, Docker, ASP.NET, HTML5, CSS3, Databases: Oracle, PostgreSQL, SQL, Development Practices: Object-Relational Mapping, SDLC, Object Oriented Programming, Data Analysis, Data Management, Data Visualization, Tableau, R, Excel, Agile Development, AWS, Azure, Flask, Git, GitHub, Power BI, PowerShell, Linux, Web Scraping, Selenium

Projects

Spotify Discovery Extract

- Python Project that uses simple API calls to Spotify's API to the Weekly generated Spotify Discovery playlist and saving the playlist to the user's profile for later use.

Portfolio Website

- Crafted a bespoke Portfolio website highlighting a diverse range of projects utilizing HTML, CSS, and JavaScript, as well as many other skills. To learn more about these projects and website, visit: <https://tprice.dev>

Education

Johnson County Community College | Overland Park, KS

Computer Information Systems | 05/2022

Associates of Applied Science. 3.5+ GPA

Johnson County Community College | Overland Park, KS

Data Analytics | 05/2019

Data Analytics Certificate 3.4+ GPA

Certifications

AWS Cloud Practitioner | 11/2023