

Matthew Davoren

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WORK EXPERIENCE

General Services Agency, Ventura

Automation Specialist

07/2024 - Present

- Enhanced document processing efficiency for workplace injury data by developing 8 personalized web forms using Ruby on Rails, HTML, CSS, and JavaScript, integrated with OSHA API REST endpoints and a MSSQL Server database.
- Engineered 11 workflows using SSIS to automate monthly billing CSV data going into MSSQL.
- Streamlined version control by managing GitHub repositories and ensuring code quality.

National Football League (NFL), Los Angeles

Media Operations Engineer

06/2021 - 04/2024

- Identified 23 large storage inefficiencies by developing Java code with Maven dependencies to analyze Dell ECS object storage, leveraging advanced data structures such as tree maps and hash maps for efficient data manipulation and retrieval.
- Rectified hundreds of system anomalies and ensured operational reliability by debugging and troubleshooting Java application error logs and JSON metadata files.
- Provided critical system insights for game day operations using SQL database queries to build Grafana dashboards that increased efficiency by 50%.
- Ensured smooth system functionality and user satisfaction during 9 upgrades and hundreds of workflow changes by providing Quality Assurance (QA) and User Acceptance Testing (UAT).
- Improved legacy knowledge by curating a 75 page runbook for an extensive array of workflows, with direct links to sequence diagrams made in PlantUML and historical Jira tickets.

Spotify, Los Angeles

Media Manager

05/2019 - 06/2021

- Developed an automated workflow in Python to monitor and process media files and their JSON metadata sidecars in a watch folder, improving the need for manual intervention by 90%.
- Resolved data transfer challenges with external partners by deciphering Linux CentOS error logs.
- Addressed significant security issues by creating unique Access Control Lists (ACL's).
- Solved network fragmentation issues by patching fiber and Cat6 connections to integrate 54 users onto the network and storage infrastructure.

SKILLS

Languages: Java 17, Python 3, SQL, HTML, CSS, Javascript, Ruby, Bash

Build Tools, Frameworks and Libraries: React, Maven, Gradle, Spring Boot, Rails

Software Development Methodologies: Agile (Scrum), Kanban

Cloud Computing: AWS, GCP

Version Control: Git, Github, Gitea

Software: Neovim, IntelliJ, VS Code, Postman, DiffMerge, MSSQL, Workbench, Power Bi, Grafana

EDUCATION

Columbia College Chicago

Bachelor's Degree