

# Matthew Davoren

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Enthusiastic developer with a passion for building code and a relentless drive to learn and grow. Creative problem solver who leverages diverse professional experiences to address evolving challenges.

## WORK EXPERIENCE

### **National Football League (NFL), Los Angeles**

*Media Operations Engineer*

06/2021 - 04/2024

- Identified storage inefficiencies by writing Java code with Maven dependencies to analyze our storage system using getters and setters, tree maps and hash maps.
- Rectified hundreds of system anomalies and ensured operational reliability by debugging and troubleshooting Java application error logs.
- Built Grafana dashboards for game day operations using SQL queries to our database.
- Produced and managed JSON configuration files to facilitate data interchange.
- Led a cross-functional team as an architect for hundreds of workflows written in Java for our Media Asset Management (MAM) system, Reach Engine.
- Conducted Quality Assurance (QA) and User Acceptance Testing (UAT) for system upgrades and workflows.
- Engaged with diverse stakeholders to ensure seamless ingestion and publication of content to streaming and VOD partners such as Tubi, Peacock and YoutubeTV.
- Led a team of media coordinators to oversee the smooth ingestion of video assets and the parsing of metadata from JSON sidecars.
- Curated a comprehensive 75-page runbook for an extensive array of workflows, featuring direct links to web-based diagrams and historical Jira ticket references.
- Provided steadfast support to daily users, promptly addressing and troubleshooting any issues via Slack and Zendesk.
- Oversaw the management of AWS buckets and user access for all archival storage, ensuring data integrity and accessibility are maintained at all times.

### **Spotify, Los Angeles**

*Media Manager*

03/2020 - 06/2021

- Calculated storage needs for petabytes of objects by conducting a storage expansion analysis.
- Deciphered Linux CentOS error logs using grep.
- Created a streamlined workflow using Aspera to facilitate deliveries from external partners, ensuring efficient and reliable data transfers.
- Tailored user rights groups for six distinct studios, each with unique Access Control Lists (ACL) and clearance requirements, ensuring precise access management and security protocols were upheld.

- Utilized Scrum techniques to efficiently delegate work to our Media Coordinators in Jira.
- Organized daily stand-up meetings to enhance team communication.

**Spotify, Los Angeles**

*Media Coordinator*

*05/2019 - 03/2020*

- Provided maintenance for studio computers, including facilitating upgrades, patching fiber and Cat6 connections, and seamlessly integrated all users onto the network and storage infrastructure.
- Served as support for all video and podcast editors on Mac OS with Adobe CC Suite and Pro Tools.
- Implemented and managed a visual database via Airtable to keep track of all studio equipment and hard drives.

## **SKILLS**

**Programming Languages:** Java 17, Javascript, SQL

**Web Development:** HTML, CSS

**Scripting Languages:** Bash

**Software Development Methodologies:** Agile (Scrum), Kanban

**Cloud Computing:** AWS, GCP

**Version Control:** Git

**Operating Systems:** Linux Ubuntu and CentOS, Windows 10 and Server, MacOS Sonoma

**Technical Skills:** Assembling computers and servers, Debugging, Troubleshooting and Graphic Design

## **EDUCATION**

*Columbia College Chicago*

*Bachelor's Degree*