ANTHONY CHARLES SCOTT JR, MSISTM

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WORK EXPERIENCE

May 2023 – November 2023	**Spotify USA Inc.**
Engineering Manager II, Overdrive (Audience Growth)	Atlanta, GA

- Served and mentored a team of four world-class software engineers, guiding their efforts in building and maintaining podcast analytics and attribution tools aimed at helping podcast publishers expand their audience.

- Successfully reestablished + rebranded software engineering team following Spotify's acquisition of Chartable.com and facilitated the team's transition from a startup to a product engineering team within Spotify's expansive ecosystem.

- Led design discussions and spearheaded engineering solutions to enhance Spotify podcast publisher tools, including Chartable.com and Megaphone.fm. Contributed to Chartable.com backlog by resolving errors and implementing copy changes, enabling engineers to focus on product development. **Utilized Ruby on Rails, React, Postgres, AWS, Snowflake, and Apache Airflow**.

- Collaborated with Product, Design, and Data Insights to enhance the Promos tab in Megaphone.fm with Spotify's Encore React components. Implemented a CTA card feature that displays alongside ad audio for podcast listeners, providing insights that help publishers run more effective promos and grow their audiences. Utilized **React, Ruby on Rails, GraphQL, and Postgres**.

November 2021 – January 2023	**Twitter, Inc.**
Engineering Manager, Business Funding	Atlanta, GA

- Led efforts to build and maintain the business infrastructure that enables funding instruments used by Twitter advertisers to fund their Twitter ad accounts on ads.twitter.com (advertiser-facing).

- Revived the Business Funding team of three which previously faced heavy attrition – grew the team to a healthy state by conducting interviews, hiring 3 additional highly skilled Full Stack Engineers (including the team's first female engineer), leading design discussions, personally contributing to the codebase, and participating in on-call rotations.

- Successfully launched Self-Serve Insertion Orders (SSIO) in Twitter Business Settings, enabling advertisers to create and manage Credit Lines without lengthy approval processes. Updated underlying services and developed API endpoints to support funding source expansion using **Scala, React, REST, and MySQL**, increasing customer satisfaction by 55%.

- Optimized advertiser funding lifecycle systems by refactoring Salesforce data ingestion and replacing Cron jobs with **Kafka** streams, enhancing data distribution to billing and reporting systems.

February 2021 – November 2021	**Twitter, Inc.**
Engineering Manager, Twitter Service	Atlanta, GA

- Led a team of 12 engineers to maintain and modernize content moderation tools used by thousands of agents globally, collaborating with cross-functional teams to protect users from harmful content. Efforts included modernizing legacy tools, migrating API ingests, and implementing 3rd party SaaS applications on-premises.

- Designed and implemented Thorn's Safer SaaS for CSAM protection, processing 50 to 100 million images daily with advanced detection and hash matching. Utilized **Scala, Docker, Thrift RPC, Kafka, Mesos, Aurora, Google Pub/Sub, and BigQuery**. Reduced CSAM in photo-based Tweets by 23% in Phase 1 (U.S.), enhancing platform safety.

- Spearheaded the front-end efforts to repurpose the Periscope Admin tool for moderating Audio Spaces broadcasts. Contributed by modifying **React** components and updating copy, ensuring a seamless transition and enhanced functionality post-Periscope deprecation.

July 2014 – August 2020   **Delta Air Lines Inc.**
Software Developer, Core Technology Team   Atlanta, GA

- Developed and enhanced software in **C, C++, Assembly (BAL)**, and **SabreTalk** for **IBM z/TPF** systems within Delta's Flight Inventory and Schedules codebase, implementing new features and efficiency improvements in an agile Kanban environment. Conducted code reviews for team members, delivered high-quality code through rigorous testing, and adhered to airline programming guidelines to ensure secure and efficient code, while analyzing system performance to identify and resolve issues.
- Designed and implemented **z/TPF DB2, TPFDF and flat file database** records, including generating record IDs, creating LRECS, and managing data types and displacements.
- Optimized the schedule change and passenger re-accommodation process by developing an automated virtual tape batch job that generated and executed terminal inputs for transferring passenger flight data to new flight instances. Implemented features for manual control (start, stop, pause, restart) and real-time progress tracking, with the system processing over 700 thousand records daily.
- Implemented functionality to modify passenger name records and created new terminal demand codes, enabling gate agents to opt passengers out of Delta reward class upgrades, reducing passenger wait times and agent productivity.

July 2013 – July 2014   **Travelport**
Software Developer, Deltamatic   Atlanta, GA

- Engineered and optimized TPF software applications by converting business requirements into robust technical designs on IBM TPF mainframe systems. Authored efficient code **in C++**, **BAL, and SabreTalk**, and developed schemas for **IBM DB2 databases**, ensuring high performance, system reliability, and data integrity. Resolved technical issues promptly and delivered consistent support, ensuring all problem reports were followed up to completion.
- Collaborated with data analysts to reduce abusive flight bookings by over 10% by building a tool that delivered audit results through Deltamatic terminals, enhancing visibility for analysts.
- Enhanced the availability and reliability of the Passenger Denied Boarding Compensation and Amenities data pipeline by implementing a daily IBM virtual tape batch job, which improved data ingestion for multiple downstream systems.

September 2012 – December 2012   **Travelport**
Intern – Software Developer, Enterprise Architecture   Atlanta, GA

- Designed and developed a Process Viewing Environment (PVE) for Travelport's Enterprise Architecture team using Microsoft SharePoint, with custom **C#, JavaScript, HTML,** and **CSS** code, to create a central collaboration hub for Business Process Management and a comprehensive training resource for enterprise architects.
- Received Award 11/20/2012: Recognized as a CHOICE player for demonstrating Innovation for work on the PVE

EDUCATION

February 2018 – July 2018 (Graduated on 07/18)   Georgia Institute of Technology
Certificate, Full Stack Flex Web Development   Atlanta, GA
- Developed expertise in the MERN stack, including **MongoDB, Express.js, React**, and **Node.js**.

August 2012 – August 2016 (Graduated on 08/16)

Master of Science, Information Systems   Capella University
& Technology **Management**   Minneapolis, MN

July 2010 – June 2012 (Graduated on 06/12)
Bachelor of Science, Technical Management   DeVry University
Concentration: Business Information Systems   Alpharetta, GA