

Wasif Sarwar Siddique

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Professional Summary

- 4.5 years designing and scaling globally distributed systems and microservices for global tech organizations with 18,000-77,000 employees and up to \$46B in annual revenue
- Drove \$16M in projected annual revenue by shipping services that enabled digital shopping for factory & clearance items
- Built a microservice that processes 20,000+ evidence items daily, driving 30% YoY platform growth
- Delivered data pipelines processing 50M+ daily transactions at Nike, cutting incident resolution time by 85% across global retail operations

Technical Skills

Languages & Tools: Java, Golang, TypeScript-React, AWS, Azure, PostgreSQL, MS SQL, Kubernetes, Docker, Git, Playwright, AI/LLMs (ChatGPT, Claude)

Other: Distributed Systems, ETL Pipelines, WebSocket, Microservices, Datadog, CI/CD, GitHub Actions

Professional Experience

AXON - Software Engineer | Seattle, WA

April 2022 – April 2025

Global public safety technology leader with \$2.1B revenue and 5000 employees, serving 18,000+ law enforcement agencies across 100+ countries. Contributed to Axon Justice (evidence processing platform) and Axon Air (drone streaming systems) divisions.

AXON Justice

- Reported to the Director of Engineering as one of 8 engineers supporting evidence processing as Axon Justice grew to support law enforcement agencies across 100+ countries
- Led development of a public-facing evidence portal, handling 5,000+ uploads per month with 0 security incidents
- Developed Golang REST API to process evidence items, scaling to 600k+ monthly evidence items with 99.9% uptime across global agencies
- Scaled platform to support 1000+ monthly cases across 30 international agencies
- Redesigned evidence processing UI using Typescript-React, improving user navigation experience
- Created test automation suite using Playwright to monitor web applications, reducing regression bugs by 40%

AXON Air

- Reported to Engineering Manager as one of 3 engineers designing streaming platforms, ETL pipelines, and license management systems directly contributing to 30% YoY growth
- Drove \$3 million in additional licensing revenue by developing license management system, replacing organizational-level licensing with individual licenses resulting 6000+ additional licenses
- Supported Axon Air's global expansion to 100+ countries supporting 18,000 agencies worldwide
- Built a drone livestream prototype using WebSocket, enabling early vendor partnerships
- Designed Grafana dashboards to monitor API performance, latency, and compliance metrics

DIRECTV - Software Engineer | Los Angeles, CA

June 2021 – November 2021

Contributed to media streaming infrastructure ensuring reliable content delivery and schedule management for 10 million+ U.S subscriber across satellite and streaming platforms.

- **One of 4 engineers reporting to Tech Lead**, developing, and maintaining infrastructure that ensures a positive viewing experience for viewers across the U.S
- **Developed Java microservice that detected an average of 50 schedule conflicts weekly**, ensuring an uninterrupted viewing experience and preventing \$5 million in revenue loss annually
- **Led development of an automated service to remediate scheduling overlaps**, reducing manual correction time by 85% per week
- **Implemented Java API for XML media ingestion**, processing 30GB+ metadata daily, resulting in real time metadata updates across 1000+ channels with zero downtime

Nike - Software Engineer | Beaverton, OR

March 2020 – April 2021

Worked on the Retail Orchestration Platform, building real-time data pipelines connecting 1000+ retail stores, Nike.com, and 3rd party vendors. Processed high volume retail transactions to support store and web transactions.

- **One of 5 engineers reporting to Engineering Manager**, developing real-time data pipelines and backend systems to ensure accurate retail transactions data across global systems
- **Developed pipelines that processed 50 million+ daily transactions** for retail stores and online Nike offerings with 99.99% uptime
- **Drove \$16 million in projected annual revenue** by shipping a service that enabled user activity-based promotions for retail and online items
- **Engineered error detection Java microservice** that identified 98% data migration errors, providing real-time updates via Slack
- **Reduced incident recovery time by 80%** across 1000+ global stores

Nordstrom - Software Engineering Intern | Seattle, WA

Summer 2018 & Summer 2019

Worked across Supply Chain and Infrastructure departments to improve operational efficiency for 350+ stores nationwide. Created serverless applications and monitoring systems for operational efficiency

- **Created Golang application that monitors load balancers**, leading to 30% reduction in server resource utilization
- **Developed and deployed serverless function in Java to AWS Lambda**, automating new hire profile creation and reducing onboarding time by 40% on average
- **Implemented backend service to interact with Google NLP & Twilio API during Nordstrom hackathon**, empowering homeless people with google services via text messages; won 1st place

Education

University of Washington (UW) | Seattle, WA

June 2019

Bachelor of Science in Aeronautics & Astronautics (**Concentration: Computer Science**)

- **Dean's List** in Fall 2018; Washington State Opportunity Scholar