Steve Olson

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Engineering leader with 9+ years of experience building full stack systems for small and large companies (and myself). Very hands-on and thrives in building sustainable engineering team structures.

EXPERIENCE

Engineering Manager   May 2023 - Present
JPMorgan Chase, New York NY

- Managed three squads of up to 13 engineers as tribe lead in the International Consumer Bank engineering organization responsible for expansions for the Chase UK retail banking app.
- Built out a new squad and assigned team leadership responsible for prototyping and building MVPs for new value-adds and propositions for new market segments.
- Led design and managed team to ship an overhaul to the Identity & Verification systems that onboard and authorize customers to the app (i.e. capture selfie + license/passport for KYC).
- Oversaw development and release of a Credit Monitoring feature for customers in the UK, including contractual and organizational negotiations between JPMC and the credit reporting provider.

Engineering Manager, Senior Backend Engineer   Sept 2020 - March 2023
Spotify, New York NY

- Leader in the Royalties and Reporting mission, focused primarily on developing systems to handle the massive amount of track-level ownership claims being made by publishers/labels in 100+ territories.
- As Engineering Manager, led a team of data engineers focused on data pipelines responsible for Spotify's billions of publishing royalty payouts. Oversaw a major data pipeline rework to cut costs and time, forecasted to save ~$1M/year in data processing costs.
- As Senior Engineer, owned end-to-end services for claims management which handles the millions of licensing claims on Spotify track plays, handling ownership of tracks and overclaims to guide accountants on invoice payouts. Reworked systems to save ~5 hrs/day time savings for accountants.

Senior Data Engineer, Staff Engineer   Dec 2017 - Sept 2020
HBO, New York NY

- Joined HBO as a Senior Data Engineer in 2017, overseeing a team of consultants building marketing segments. Moved in 2019 to a Staff Engineer to contribute to HBO Max's signup & subscription flow.
- Led a team of three contracted Data Engineers to help develop complex pipelines to deliver and maintain ad segments through HBO's consumer offerings of HBO GO, HBO NOW, and MAX GO.
- Engineered and designed several ad segmentation and campaign management processes, including a GDPR-compliant customer entity graph (150M vertices) and aggregation/delivery of marketing segments for HBO MAX prospects and HBO content.

TECHNOLOGY

Frontend: Typescript, Node.js, Next.js, Sveltekit, React, Django, Android
Backend/Infra: Java/Kotlin, Scala, Python, Go, AWS, GCP, Kubernetes, Istio, Ambassador, Helm, ElasticSearch
DB/Data: SQL, Postgres, Cassandra, Apache Beam, Snowflake, PyTorch, LLMs

PROJECTS

ParkingBreak: Alerts for Alternate Side Parking in NYC, by email/SMS/WhatsApp, built on SvelteKit, Fly.io.
sql.haus: OSS instant sharing for SQL queries with syntax checks, built on Next.js, Supabase, Vercel.
Crossnoodle: Daily generative multiplayer crossword game, built on React, Node.js, Tailwind CSS, Docker.

EDUCATION

Georgia Institute of Technology   ### Binghamton University

M.S. in Computer Science, Spec. in Machine Learning, 2020-2022   B.S. in Mechanical Engineering, Conc. in Comp Sci, 2011-2015