

Ali Olfat

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SKILLS

- Programming Languages: Kotlin, Python, Java, SQL, Bash, Typescript, React
- Technologies: gRPC, PostgreSQL, Cassandra, Redis, Kafka, Flink, Kubernetes, Docker, AWS, Gradle

PROFESSIONAL EXPERIENCE

DOORDASH

Defender Against the Dark Arts, Senior Software Engineer

Dec 2019-Dec 2022

Fraud Core Infrastructure

- Helped establish the strategy and vision for the team. Defined north star metrics and illustrative initiatives.
- Spearheaded team's monolith extraction to microservices. Notable wins include reducing one of the most critical DB's CPU usage by 60%, reducing fraud engine's latency by as much as 50%, fraud savings of \$1.5 million/year, increasing developer velocity, and improving testability.
- Monolith extraction required migrating over 100 endpoints/tasks, removing 200 million calls/week, collaborating across 8 teams, and delegating to 8 engineers.
- Developed for our real-time data aggregation systems providing engineers with on-demand fraud features using Flink, Redis, and Cassandra.
- Led engineering and architecture of numerous backend systems providing efficient development/access of fraud features by building gRPC APIs, designing database schemas, publishing Kafka events, and working across several team codebases.
- Actively contributed to learning initiatives by leading biweekly learning sessions, a book club, and an active slack channel to share productivity tips/tricks.
- Onboarded 4 senior engineers, mentored 3 junior engineers and managed 1 intern through 1-on-1's, code reviews, and paired programming sessions.
- Conducted over 100 technical interviews and served as on-call.

Merchant Fraud

- Served as engineering owner for anything related to merchant fraud.
- Led architecture and engineering for secure bank updates in the merchant portal protecting Doordash from over \$3 million/year in merchant account takeovers. Cross-functional effort across 3 teams and 4 engineers.
- Shipped a suite of anti-fraud features to ensure fake merchants never receive payments.

WORKDAY

Aug 2014 - Jan 2018

Software Engineer

- Lead engineer and owner for a cross-functional Java framework responsible for ingesting external data (CSV, MySQL DB, and REST endpoints) into the Workday system alleviating the need to hardcode data
- Developed a data quality monitoring framework that improved the time in which developers receive analytics on the health of their data from days to minutes by asynchronously scanning through petabytes of data to detect inconsistencies

OTHER EXPERIENCES

TRAVEL PHOTOGRAPHER (www.aliolfat.com)

Mar 2018 - Present

- Traveled through 7 countries in Asia and launched my own photography/videography business featuring travel and adventure content
- Worked with international tourism boards to bring attention to lesser frequented parts of their country
- Partnered with brands to create marketing content
- Provided social media exposure for brands/tourism boards

EDUCATION

CAL POLY

San Luis Obispo, CA

BS Computer Science