Faris **Dizdarevic**

Technical Lead (Staff Software Engineer)

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Work Experience

Transflo
Tampa, FL (remote out of Austin, TX)

Technical Lead
Jul. 2024 - Present

- TODO: need to expand all of the below
- Re-built the internal SSO portal and in-house auth system over AWS Cognito using GraphQL Yoga with a React frontend in 4 months and switched over 2 major projects seamlessly.
- Set up a custom Express gateway to centralize all APIs and auth / nonce checks, allow for blocklisting, throttling, and secure entry into our cloud suite.
- Working directly with the C team and an external product resource, built a freight invoice app with real-time data via SSE Subscriptions, live chat, and a robust ingestion pipeline over using AWS Lambda and S3 to process 1000s of invoices and LTL loads.
- Laid the groundwork for a reusable IaC AWS CDK template library and shifted 5 of our projects to the new stack across 3 AWS environments and centralized behind the gateway. Modernized the CI/CD in Azure DevOps to bring it in line with best practices for modern trunk-based development.

MVMNT
Chicago, IL (remote out of Austin, TX)

Senior Software Engineer
Jan. 2023 - Jul. 2024

- As part of the initial group of engineers, **designed, planned** and **built** a TMS (transportation management system) from scratch utilizing the **AWS** ecosystem, a **Kotlin Spring** microservice backend and a **SvelteKit** frontend.
- Set up and maintained critical **infrastructure** using **Terraform**, **AWS CDK**, and **Github CI/CD** for deployment to AWS **Elastic Container Service** for a stable and scalable microservice architecture.
- Built complex **integrations** with 3rd parties including **data ingestion** from legacy government feeds, external **location providers**, as well as **freight posting and tracking** connections.
- Implemented critical **business functions** alongside standing up our **Kafka event architecture**, **Elasticsearch indices** (and subsequent **indexers**) to serve up efficiently searchable real-time views for our platform.

Spruce
Austin, TX

Senior Software Engineer
May. 2021 - Jan. 2023

- Served as **backend team lead** of our platform team and headed a modernization effort from a legacy PHP/JS stack to a modern and serverless **Node/React/GraphQL** environment.
- Designed and implemented our **federated graph** to serve multiple unique clients and use-cases while adhering to **Apollo best practices** and gaining adoption in our org.
- Implemented and maintained 3rd party integrations to **ingest and process critical business data**.
- Improved devX by **standardizing tech stacks**, improving documentation, creating **parallel sandbox environments** for testing, and building and maintain a **developer tooling CLI**.

RetailMeNot
Austin, TX

Software Engineer II
July. 2020 - May. 2021

- Integrated backing APIs into an **Apollo GraphQL** layer using **Node.js / Typescript** to power new user-facing features.
- Re-platformed a **monolithic Elastic Beanstalk** app to a containerized and scalable micro-service deployed in Kubernetes via Gitlab CI/CD with monitoring and alerting integration with **Prometheus/Grafana/Pagerduty**.
- Developed an internal A/B testing system allowing our CRM teams to quickly iterate on new features without engineering effort.
- Re-designed and implemented our entire **$20MM+** email personalization system in under 6 months, moving away from slow on-the-fly API calls to pre-generated email content powering millions of users. Resulted in an increased **list size (+32% YoY), retention (+28% YoY) and commisions (+21% YoY)**.
- Migrated a third-party CDP to an internal service in less than 2 months resulting in **annual savings of $900k**.
- Unlocked new ad tooling and features for our Sales/CRM teams which led to an **incremental $5MM+ revenue in ad units**.
- Won the **J2 Global Team Achievement Award in Innovation** (4000+ employees).

SOFTWARE ENGINEER I   *Jan. 2019 - July. 2020*

- Set up a data pipeline to mine and aggregate user information resulting in engagement lifts of up to **100% QoQ**. Utilized **Amazon's Athena** and **Spring Batch** jobs to orchestrate the process.
- Stood up a new **Spring Boot** microservice in **Kubernetes** and deployed via **Gitlab CI/CD** to support a middle-ware GraphQL layer powering a user-facing email preference center.
- Participated in university-recruiting both on-campus and on-site with coding challenges, interviews, meet-and-greets and Q/A panels.

Education

University of Michigan, Ann Arbor   *Ann Arbor, MI*

BACHELOR OF SCIENCE   *Sep. 2013 - Dec. 2018*

- Graduated with a dual-major in **Computer Science** and **BCN (Biopsychology, Cognition and Neuroscience)** and a minor in German.