

Omri Eival

Engineering Manager, Software Developer, Individual Contributor,
Infrastrcture Enthusiast

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Currently an engineering manager at Torq. 11+ years of industry experience in various technical roles. 6 years of software development experience, in both large enterprises and small startups. A performance nerd who loves solving problems, writing code, and collaborating to achieve amazing results. Interested in tackling challenging tasks and making valuable impact.

SKILLS

Infrastructure

Docker Kubernetes Terraform
Jenkins Nginx Envoy AWS
Redis MySQL Cassandra
RabbitMQ MongoDB

Programming

Go Python Lua Javascript
Ruby

Backend

distributed systems asyncio
AioHttp Flask Django
uWSGI Tornado koa
SQLAlchemy ORM

Frontend

Javascript jQuery HTML
CSS

WORK EXPERIENCE (10)

Building a no-code automation platform for security and operations teams.

Our team owns end to end functionality of in-store order taking, order queueing and dispatching, restaurant edge equipment, and observability and management tools for dining managers and venue operators - within the scope of Grubhub's campus dining experience

- Leading a team of 5 engineers of various seniority levels, working with two product managers to drive the campus dining group to success
- Taking an active role in defining and executing product and engineering strategies and KPIs to meet business goals
- Making all that is necessary to make sure that our code is maintainable and scalable, each individual is motivated, reaches their full potential and has the ability to grow within the organization, that our roadmap is clear and coherent and that a fruitful engineering culture exists both inside and outside the team
- Planning and following up with periodic sprints and sprint results with relevant stakeholders
- Accompanying and supporting technical architecture proposals and design reviews

As an individual contributor my focus is on solving cross team engineering problems, improving developer experience and velocity, taking an active part in system architecture and code life cycle

- Designed and implemented a service bootstrapping CLI that maintains service templates and generates and registers new boilerplate code(Github integration, AWS Lambda), build and CI/CD pipelines(Make, Docker, Jenkins, Helm, Terraform), telemetry and monitoring integration(New Relic, Sentry, Slack) and stateful backing services, reducing new service development from several weeks to less than a minute.
- Designed and implemented an edge ingress solution that supports custom content based routing dynamic routing based on Envoy proxy.

- Built a development environment solution that's easy to spin up and teardown remotely
- Solved cross-service performance issues in production - memory leaks, resource allocation fine tuning and build artifact resizing.
- Taking part in the design and implementation of the company's cross platform distributed tracing solution

Developing products that detect and prevent financial fraud

- Lead the design and implementation a large scale system that trains and predicts malicious activity based on user specific behavior on mobile devices.
- Lead a team of 3 software engineers. Mentoring for personal development and career growth.
- Took a leading role in product road-map decisions, backlog refinement, sprint planning, system and feature design, incident response and tech culture.
- Gave product architecture lessons and sessions to support and security teams.

Was OptimalQ's first employee, built many of the company's platforms

- Part of OptimalQ's core team as a first employee, took part of multiple design and development features and product design decisions.
 - Designing, benchmarking and maintaining the company's software solutions.
 - Leading the end-to-end design, development and delivery of the company's self-serve platform.
 - Designed and developed a JWT based SSO system with multiple Oauth2 integrations.
 - Set up a complete solution for monitoring and visualizing performance and business metrics.
 - Development of an automated model testing tool for fast research and delivery of new prediction algorithms.
 - Scaled the company's solutions to support a high volume requests and reduced average request latency by 90%.
 - Research in the field of availability algorithms and segmentation and tuning of big data.
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- Developed new data collection vectors for malware detection.
 - Led the development of a behavioral biometrics visualization tool for the Pinpoint Criminal Detection solution.
 - Development and maintenance of the company's malware detection solution that prevents financial fraud via "Man in the browser" attacks.

PROJECTS (3)

ktunnel

 <https://github.com/omrikiei/ktunnel>

Go

aws logging handlers

 https://github.com/omrikiei/aws_logging_handlers

Python

lua-redis

 https://github.com/omrikiei/lua_redis

C Lua

LANGUAGES

English

Hebrew