KAMYAR GHASEMLOU

Software Engineer

📍 Berlin, Germany   **Relocation** No   **Work Permit** EU/DE Blue Card
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EXPERIENCE

Software Engineer

Datadog

📅 Aug 2021 – Ongoing   📍 Berlin, Germany | Remote

Contributed to the Software Delivery Platform and more specifically Experiments project with the goal of helping Datadog engineers have software releases that are safer, faster and more reliable in our multi-cloud environment.
Python, Go, React, Kubernetes, Graphql, Bazel, Protobuf, Temporal.io, CNAB, GCP, AWS, Azure

- Helped design, implement and evangelize the next generation of feature flagging and experimentation platform for Datadog engineers including collaboration with compliance team to support US FedRAMP Significant change management.
- Worked with wider Release Engineering group to migrate an internal task runner engine from Dgraph DB to Hasura Postgres system.
- Authored a generic Migration Guidebook for the general engineering that lays out best practices for migrations at Datadog.
- Integrated an auto-deployment feature for Software Delivery App UI app which resulted in considerable time saving during development and enabled demoing the changes before merging changes.

Senior Software Engineer

Delivery Hero SE

📅 July 2019 – Aug 2021   📍 Berlin, Germany

Helped design, launch and scale our Smart Help Center to +30 countries and +50 languages. Project is saving 8 figure annually in contact center operations.
Python, GCP, Kubernetes, React, Firebase, Dataflow,

- Helped plan, implement, launch the project ahead of deadline. Iterated, scaled optimized the project to 6 figure Req/Min.
- Worked closely with PMs and stakeholders to make sure we have a head start for upcoming major plans, resulting in never missing a major feature OKR while maintaining an exemplary availability and reliability record and good tech debt development velocity.
- Lead discussions and implemented major technical project aspects (Authentication, Feature Flags, Async Tasks, Localization Infra etc.) which various engineering and product priorities.
- Mentored other engineers in the team and org in industry best practices.
- Continuously maintained the simplicity, cost efficiency, maintainability and security of the project with regular updates, improvements and coordinated refactors and migrations.
- Helped define our on call approach. Integrated Datadog Sentry to our system identified important metrics to track and fostered a no blame incident response culture resulting in early tenured engineers feeling encouraged to join the rotation.
- Organized org Engineering knowledge sharing sessions, co-lead the company wide Python Guild.

Senior Software Engineer

Celo Europe GmbH

📅 September 2018 – July 2019   📍 Berlin, Germany

Working as a full-stack engineer in the Berlin office of the SF/US based Celo.
(**Typescript, React Native, Redux, Saga, Nodejs, GraphQL, Express, Yarn, Android, GCP+Firebase, Web3**, Detox)

ABOUT

Pragmatic software engineer, loves working across the stack to deliver useful project. I take pride in contributing to where I work

References available upon request.

EDUCATION

B.S. in Computer Engineering
Middle East Technical University

📅 Sept 2010 – June 2016

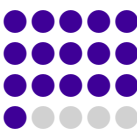## SKILLS

Languages

Python   Typescipt   Go   C
C++   Bash

Technologies & Frameworks

React / React Native   Django+DRF
Flask   Kubernetes   Terraform
GCP   AWS   GraphQL
Temporal.io   Docker   Redis
Cloudflare   Webpack   Firebase
git   SQL   nginx   D3.js
AngularJS   Ansible   SaltStack
MongoDB   Qt   OpenCV
Bootstrap   Gunicorn   REST
Bottle.py   HTML/CSS3

LANGUAGES

English   ●●●●●
Turkish   ●●●●●
Persian   ●●●●●
German   ●●○○○

- Contributed to the Celo Mobile wallet and Rewards Apps, helped in getting the app from an MVP to an end-user product.
- Designed and implemented various end to end features for the wallet flow including Request Money & Payment by QR code and localization support.
- Participated in Engineering & System design discussions, including project architecture, deployment strategies and agile methodologies.
- Interview Engineering candidates for fulltime and Internship positions
- Improved and expanded the mobile app detox E2E test suite to optimize manual QA times by developers and increase confidence in release by making sure.

Software Engineer
Delivery Hero Germany
📅 June 2017 – September 2018 📍 Berlin, Germany

As a member of the core backend team(pizza.de & lieferheld.de), helped in developing and maintaining multiple services including a legacy Django app that supported 6 figure orders per day. (**Python, Django, Django Rest Framework, Flask, Javascript, React/Router/Redux, jQuery, AWS, Zappa(Lambda/Serverless), Saltstack, Docker, Webpack**)

Core Backend team
- collaborated with client teams to implement user facing features.
- Assisted in upgrading from Django 1.6 to 1.11 over 5 months alongside the usual team sprint work.
- Deployed, maintained an on-premise sentry service with regular version upgrades. Assisted the general tech org with integrating and efficiently using it in their projects by arranging in-house workshops.
- Assisted backend developers in frontend paradigms and best practices

Order Management team (re-org)
- Lead order management service migration from Flask+Jinja2+Jquery UI to a React SPA that significantly reduced development time by preventing regressions during new feature developments.
- Onboarded backend engineers in the team to React and related UI technologies(Webpack, Router, Redux).
- Designed and implemented cross-service features and requirements

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Software Engineer
Scorebeyond (Acquired by LinkedIn)
📅 May 2016 – April 2017 📍 Ankara, Turkey

Worked as a full-stack engineer in the Ankara/Turkey office of the SF/US based ScoreBeyond. (**React, Django, Flask, Django Rest Framework**)
- Contributed to the parent dashboard.
- Designed and implemented payment, coupon & promo from the ground up.
- Designed and built a highly dynamic Survey solution.
- Automated features task to decrease operations team load.
- Redesigned and Implemented Internal Operations Service
- Participated in hiring mentored new grads.

Software Engineer
ISSD
📅 July 2015 – May 2016 📍 Ankara, Turkey

Contributed to the 2nd generation of vision-based ISSD smart traffic camera system - VIERO - and various other smart city solutions. **Javascript, C++, Python, OpenCV, Qt, Angular, Django, D3, Bootstrap**
- Lead the Migration of Desktop app to an Angular Web app used for management of smart traffic cameras systems and controllers.
- Contributed to image processing app.

- Implemented a middleware to facilitate communication between Web app and main Qt with support for updating the system simply by uploading a Debian package.
- Modernized the build and deployment process of the app to camera units.
- Helped reduce the time needed for initial camera setup that resulted in reducing it from couple of hours of hands-on effort configuration per camera to simply "plug the Ethernet and installer USB drive and restart the camera" where additionally.
- Investigated and presented various potential approaches to further harden system security and increase efficiency of the fleet such as signed Debian packages, utilizing Ansible to manage the fleet of hundreds of camera units more quickly or setting up CI/CD.