KAMYAR GHASEMLOU

Software Engineer

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

Senior Software Engineer

Delivery Hero GmbH

📅 July 2019 – Ongoing   📍 Berlin, Germany

As part of the Marvin Team Helped design a Self-Adapting Smart Help Center for our Post-Order customer contacts with an aim to introduce advanced automations to increase Customer Satisfaction and decrease Customer Agent Chat/Cases. Service is used by majority of Delivery Hero platforms. It helps them ease operations and adapt to unexpected situation(e.g. COVID19).
Project has been bringing 7 figure Euro in cost savings per month for the company.

- Was involved in the technical assessment, technology and architecture decisions
- Wrote multiple RFCs, Lead discussion and implemented technical project aspects(Authentication, Feature Flags, CORS Proxy, etc.).
- Contributed to the initial React Frontend for MVP launch
- Pair programming with Junior/Mid level engineers in SWE, BE and Python best practices and continuously mentoring them to help them reach their full potential
- Handled various early integration discovery and implemented proof of concepts to speed up the actual integration(Salesforce, Avaya, FWF etc.)
- Continuously keep an eye on the simplicity, maintainability and security of the project with regular updates, improvements and sometimes coordinated refactors.
- Working with our FE developers to fix many discrepancies with the project in a backward compatible approach.
- Helped define our infrastructure approach, from using firestore + cloud functions, to moving to k8s eventually, introducing redis for better caching and moving away from Dataflow to a in-house built pubsub/redis/handler structure for cost efficiency.
- Helped define our monitoring setup and oncall approach, introduced sentry, created Datadog oncall dashboard.
- Interviewed engineering candidates , mostly bar raisers for other teams. Also FE/BE interviews for our or sibling teams.
- Conduct Knowledge sharing in the Engineering Tribe and 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)

- 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.
- Designed and Implemented various end to end features, collaborating with other engineers, product and design

ABOUT

I enjoy solving hard problems and making life easier for my colleagues / customers. An ideal role will be where I can contribute value both individually and inside an active team.

References available upon request.

EDUCATION

M.S. in Statistics

Middle East Technical University

📅 Sept 2016 – Discontinued

B.S. in Computer Engineering

Middle East Technical University

📅 Sept 2010 – June 2016

SKILLS

Languages

Python 2 & 3   Javascript   Typescipt
C   C++   Bash

Technologies & Frameworks

Django+DRF   Flask
React+Native(Redux/Thunk/Saga/Hooks)
GCP   AWS   docker   kubernetes
Redis   CDN   Webpack   Firebase
git   SQL   nginx   D3.js   AngularJS
Ansible   SaltStack   MongoDB   Qt
OpenCV   Bootstrap   Gunicorn
REST   Bottle.py   HTML/CSS3

Strengths

Passionate   Proactive   Adaptable
Result Oriented   Innovative

- Participated in Engineering & System design discussions, including project architecture, deployment strategies and Agile methodologies

- Interview Engineering candidates for fulltime and Internship positions
- Oncall duty for the Berlin shift, helped in investigating and resolving issues and also supporting colleagues in the field
- Improved and expanded the E2E suite

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Software Engineer

Delivery Hero Germany

📅 June 2017 – September 2018   📍 Berlin, Germany

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

- Implemented various new features including end-user facing ones in collaboration with client teams
- Participated in Engineering & System design discussions
- Assisted in upgrading from Django 1.6 to 1.11 over 5 months timeframe
- Maintained an on-premise sentry service and assisted QAs and frontend teams on integration and efficiently using it by arranging an in-house workshop
- Assisted backend developers in frontend paradigms and best practices

Moved to Customer Care Tools team due to restructuring

- implemented various new features including a date-time collision detection tool for data migration
- Spearheaded move from Flask+Jinja2+Jquery UI to a React SPA(Single-Page App) on AWS/S3
- Onboarded backend engineers to React and related UI technologies(Webpack, Router, Redux) in a 2 month timeframe
- Participated in architectural decisions of the projects
- Designed and implemented cross-service features and requirements
- Lead a multidisciplinary team of 5 to achieve the 2nd place in internal Hackthon with a dynamic voucher design+implementation

Fullstack 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 parent dashboard. (**React & Flask**)
- Designed and implemented coupon & promo infrastructure. (**Django**)
- Integrated stripe to checkout page with coupon & promo capabilities.
- Designed and built a highly dynamic Survey architecture. (**React/JS**)
- Integrated various automated features to decrease operations team load.
- Redesigned and Implemented Internal Operations Service(**Django & Django Rest Framework**
- lead the hiring process for 2 new grad engineers and mentored them in React and Python/Django/Flask best practices

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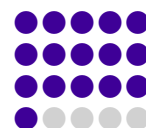## Fullstack Software Engineer

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.

LANGUAGES

English
Turkish
Persian
German

PERSONAL PROJECTS

Nosco   2016

Built to improve build process and solve version management problems. Follows semantic versioning scheme, has a simple and intelligible YAML based configuration and modular architecture.

Enfame   2015

Developed a url shortener using Django & Bootstrap for personal use and to get familiar with these technologies.

CIK Bitcoin Wallet   2014

Developed an experimental Bitcoin wallet capable of querying balance, sending/receiving transactions.

- Migrated UI to the Web for easy customization of smart traffic cameras. **Angular, D3, Bootstrap**
- Implemented the most of the backend. (**Python, Django, Bottle.py, Apache, Qt/C++**) for Web UI
- Contributed to C++ app. (**Qt/C++, OpenCV, Python**)
- Maintained and improved system environment and DevOps. (**Python, Bash, Ubuntu, Upstart, Ansible**)

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Intern

Onbiron Information Systems

🗓 July 2014 – September 2014

Developed a proof of concept for Alljoyn (Qualcomm) on Arduino & Raspberry Pi devices. Demonstrated abilities of current state of the library for IOT projects.