Burak Karakan

Software Engineer

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WORK EXPERIENCE

Senior Backend Engineer
Helloresh

08/2018 - Present   *Berlin, Germany*

– Spearheaded the initial experimentation backend for the company, powered over 200 A/B tests.
– Extracted a business domain from a core monolith and scaled it up to 1k req/s on Kubernetes.
– Upgraded the PHP version for a core monolith by 2 versions, leading to an improvement of ~65% p99 response time.
– Built a CLI tool for running health checks of the whole company infra to deal with criticals and outages.

Software Engineer
KolayBi

06/2017 - 07/2018   *Istanbul, Turkey*
KolayBi (NKolayOfis with its old name) is a fin-tech startup focused on SMEs.

– As the only backend engineer, rebuilt the technical infrastructure from scratch.
– Used Linux, Nginx, MySQL, PHP, and Vue to develop and maintain the mini-ERP project.
– Reached first 300 users in 2 months.
– Decreased fake - mail registrations by 95% using domain blacklisting and MailGun API.
– Manage the cloud infrastructure on AWS , maintain EC2 and RDS instances.

Software Engineer
AdPro

10/2015 - 06/2017   *Istanbul, Turkey*
AdPro was an Ad-Tech startup that aimed to automate and optimize digital marketing campaigns.

– Integrated AdWords API and Analytics API services.
– Improved report download performance by 70% using asynchronous job queues.
– Implemented fully automated CI/CD using GitLab.

Software Engineer Intern
tazi.ai

06/2016 - 08/2016   *Istanbul, Turkey*
tazi.ai is an ML startup that extracts business insights through various streams of data in real-time.

– Implemented self-organising maps in Scala in order to visualize high-dimensional data.
– Built a real-time dashboard using React , visualising data flow rates.

SKILLS

PHP Golang Linux Nginx Docker
Kubernetes JavaScript VueJS Python
AWS Helm RabbitMQ

PERSONAL PROJECTS

LYS Edebiyat (06/2016 - 10/2018)
– Had 300k+ users on iOS and Android in total.
– Stayed feature on both App Store and Play Store for over 4 months in education category.

Devo (07/2018 - Present)
– Managed to grow it to ~2k weekly users on both Chrome and Firefox.
– 8 other people have contributed to it, either by adding new platforms or fixing small bugs.

Random Facts (12/2016 - Present)
– Has 1.2k+ weekly users.
– Has 75k+ monthly new tab views.

EDUCATION

BSc. Computer Engineering
Istanbul Technical University

09/2013 - 06/2018   *Istanbul, Turkey*

LANGUAGES

Turkish
Native or Bilingual Proficiency

English
Full Professional Proficiency

German
Limited Working Proficiency

Albanian
Elementary Proficiency

INTERESTS

Music Production   Single Board Computers

Micro-controllers   Home Automation