

Burak Karakan

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BE in Computer Engineering

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Experience

Software Engineer @ NKolayOfis | 2017 August – Present

- Only backend developer in the startup.
- Use 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 Intern @ NKolayOfis | 2017 June – August

- Planned and started the development of v2 of the pre-accounting software.

Software Engineer Intern @ tazi.ai | 2016 June – August

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

Software Engineer @ AdPro | 2015 October – 2017 June

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

Skills

- **Proficient:**
 - C & C++ for system programming for 4 years
 - PHP, within Linux, Nginx and MySQL stack (2+ years in production systems)
 - JavaScript – jQuery and Vue for frontend development
- **Worked in:**
 - Python with OpenCV for computer vision & R for data science
 - Java for Android, Scala for machine learning and Go for general purpose applications

Projects

lys-edebiyat | [Source](#) – [iOS](#) – [Android](#) – [Web App](#)

lys-edebiyat is a university exam preparation application, which got 200K+ downloads in a year and had been featured in both AppStore and Play Store for 4+ months.

random-facts | [Source](#) – [Extension](#)

random-facts is a Chrome extension that replaces the new-tab page with a random fact about numbers, accompanied by a beautiful image; has 60K+ monthly new-tab views.

frank | [Source](#)

frank is a CLI tool, written in Go, that generates a one page documentation site from Markdown.

boardz | [Source](#) – [Demo](#)

boardz is a minimal CSS library that creates Pinterest-like boards from basic HTML list elements.

easy-adwords | [Source](#)

easy-adwords is a wrapper library for Google AdWords PHP Client library that simplifies some of the basic concepts in the library.

vue-info-card | [Source](#) – [Demo](#)

vue-info-card is a simple Vue component that displays a chart and a text on a single flipping card.