Umut Canbolat

Full-Stack Software Engineer

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Experience

Klarna

Software Engineer II
Giessen, Germany

Jun. 2021 - present

- Development of the post-purchase operations of direct debit payment method with `Spring Boot` and `Java 11`.
- Handling the post-purchase communications. Email/SMS/Push send-outs using `Apache Kafka` and `React.js`.
- Creating monitoring/alarming dashboards using `Datadog`.

Software Engineer I
Giessen, Germany

Mar. 2020 - Jun. 2021

- Worked as a full-stack engineer using `React.js` on the front-end and `Java 11` at the back-end.
- Development of a paywall solution for digital newspapers. This new solution increased the conversion rate significantly while signing up more recurring users. (Tested initially on Swedish newspaper Dagens Nyheter)
- Implementation of a completely new user experience for direct debit by enabling the usage of Klarna User Accounts.
- Automated front-end testing with `Testcafe` and `Jest`, back-end testing with `Groovy`, `Spock Framework` and `WireMock`.

R&D Asst. Software Engineer • Huawei
Istanbul, Turkey

Oct. 2018 - Feb. 2020

- I worked on the development of a CMS portal as a back-end engineer.
  - The system was used by maintainers of the AppGallery application market, to manage Android apps published by developers worldwide.
  - The system was written in `Java` and consisted several `microservices`.
- I've developed data visualization web applications for mobile carriers.
  - Used `React.js`, `TypeScript` and `Apache Echarts` on the front-end and `Spring` at the back-end.
  - Worked on the development of an internal front-end framework with built-in centralized state management.

Jr. Software Developer • OBSS
Kocaeli, Turkey

Nov. 2017 - Jun. 2018

- Designed and developed a risk measuring `UWP` app with `C#.NET` for Turkey's biggest insurance company Anadolu Sigorta.

Intern, Research Assistant • Adam Mickiewicz University
Poznań, Poland

Jun. 2017 - Sep. 2017

- Developed a corpus quality evaluation software using `Java` and `Prolog` as a continuation of the research project OCAS.

Education

Computer Engineering • Kocaeli University
Bachelor's Degree

2014 - 2018

Computer Science • Adam Mickiewicz University
Bachelor's Degree • Erasmus+ Exchange

2015 - 2016

Personal Projects

Instant Username Search

A username search engine which checks more than 100 social media sites. Monthly 45k+ active users.

Tech stack: `React.js`, `Spring Boot`, `Kubernetes`, `Docker`, `GitHub pages`, `Github Actions`.

Autofillr

A Chrome extension that fills registration forms with randomly but consistently generated fake data. This drastically decrased the time requeired for testing/validating user flows.

Unrepeat

The missing inverse of the `javascript`'s repeat method. Written in `Typescript`. Available at NPM.

Publications

Saturation Tests in Application to Validation of Opinion Corpora: A Tool for Corpora Processing • Springer *Jun. 2018*

We proposed tools for collection and validation of empirical data in the form of a corpus. Data is collected from booking.com users' hotel reviews.

TSCC: a New Tool to Create Lexically Saturated Text Subcorpora • LREC 2018 *May. 2018*

A text processing tool to valuate lexical saturation of text corpora, where lexical saturation refers to a state in which it is hard to find new lexemes outside the corpus.