SAMED DUZCAY

Software Engineer

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A confident, self-motivated software engineer with 6 years of experience in software development. A deep researcher and a passionate learner in every aspect of his life, with good analytical and verbal skills.

Work Experience

Software Engineer
07/2016 - Present
Istanbul, Turkey
Infoset Software

- Developed and still maintaining Infoset Web Chat (https://cloud.infoset.com.tr).
- Developed and maintained the email marketing platform infomessage.
- Responsible for the development of company websites: http://www.infomsg.com, http://www.infoset.com.tr, https://cloud.infoset.com.tr and more.
- Did both on-page and off-page SEO, got the company websites on the first page of Google for competitive keywords.

Co-Founder
09/2018 - 02/2019
Istanbul, Turkey
Lisa AI

- Built parts of the mobile app of Lisa (with React Native).
- Built parts of the backend architecture and big-data infrastructure using Hadoop, HBase, Phoenix, Spark.

Lead Software Engineer
09/2017 - 11/2018
Istanbul, Turkey
Pisano

- Designed the architecture of, built (with Scala), and deployed Pisano Analytics.
- Organized the first Pisano Hackathon. (https://hackathon.pisano.co/)
- Led the web product team for 5 months. Designed the new architecture of Pisano Web Widget and built most of the production system.
- Extensively used ES6/ES7, React, Redux, Redux-Saga.

Software Engineering Intern
06/2017 - 09/2017
Zürich, Switzerland
Google

- Built and tested the backend of a mid-size product feature.
- Built a pipeline to collect user statistics and do data analysis.

Software Engineer
06/2016 - 06/2017
Istanbul, Turkey
Pisano

- Full-stack web development using Ruby on Rails, AngularJS, CoffeeScript, HTML5, LESS.
- Worked in a team-based development environment using agile methodologies like Kanban and Scrum.
- Built, tested and successfully launched the key web product Pisano Web Widget.

Development Team Leader
09/2016 - 06/2017
Istanbul, Turkey
Boğaziçi University Entrepreneurship Center

- Was in charge of a team of 6 people.
- Built and deployed the new web application of the entrepreneurship center called "Bright" using PHP (Laravel) and JS (ES6).

Open Source Projects

CV
A simple, modern CV/resume template. This CV is built using this template.

Chrome Meme Search
A Chrome extension that lets you make spotlight search for memes.

BounCoursePlanner
Course schedule planner for Boğaziçi University students. Finds the best schedule for a set of courses, which has the least conflicts and most free hours.

BUEvents
Events calendar for Boğaziçi University. It's the only events calendar since there isn't any official one.

BUYemek
An iOS app for Boğaziçi University's cafeteria. There is also a separate project for its REST API.

SkateMate
SkateMate enables skaters to find and share new spots, and connect with each other in real-time. It was our ENG 493 - Launching a Successful Software Startup course project in 2016 Fall term, at Boğaziçi University. I was responsible for the development of the mobile application (cross-platform, built with Ionic).

Panic Bracelet
A smart bracelet that shows you the probability of being harassed in a neighborhood, and sends a message to your loved ones and the police when pressed.

Wower
An app for cyber attack protection which protects the user's files and tracks the attacker.

WowDoor
An IoT device that gives the ability to lock & unlock doors with a smartphone.

EngelsizMenu
Accessible, easy-to-use restaurant menu app for visually impaired.

IlanTakip
Automatic tracking system for some real-estate listing sites in Turkey.

dekrypt
A command-line tool for automatic decryption/decipher of a number of encryption/cipher algorithms.

Languages

- Turkish - Native
- French - A1, Elementary
- English - C2, Proficient
- German - B1, Intermediate

Education

B.S. Computer Engineering
09/2015 - Present
Boğaziçi University

CGPA: 3.82/4.0, GPA: 4.0/4.0. Member of COMPEC (Boğaziçi University IT Club) and BÜDAK (Boğaziçi University Mountaineering Club). Founding member of BÜGAK (Boğaziçi University Futurism Club).

B.S. Computer Science
01/2018 - 05/2018
The University of Texas at Austin

Exchange student for the spring semester. Attended Longhorn Energy Summit and Science Sprint.

Skills

- Full-Stack Web Development
- Object-Oriented Analysis, Design, Programming (OOA/OOD/OOP)
- Algorithm Design and Analysis
- Behavior / Test Driven Development - Unit, Integration, System Testing
- Agile Methodologies - Scrum, Kanban
- Fluent in JavaScript (ES5 & ES6), React, Redux, AngularJS, Ruby, Ruby on Rails, PHP, HTML5, CSS3, LESS/SCSS
- Fluent in Full OO Languages - Java, C#
- Fluent in functional programming, asynchronous programming
- Familiar with Vue.js, Amazon Web Services (AWS), Go, Scala, Haskell, Elixir, C++
- Experience in statistical data analysis and machine learning - TensorFlow, Matlab, Octave
- Experience in RDBMS and ORM - MySQL, PostgreSQL, Active Record
- Experience in NoSQL - MongoDB, Cloudant
- Proficient in Linux Server Configuration & Administration

Certifications

Entrepreneurship 1
09/2016
Wharton Online - University of Pennsylvania
License: 78AHF58L3ANU

Algorithms: Design and Analysis, Part 1
08/2016
Stanford University Online
License: 3SAJHNTDSA72 - Grade Achieved: 98.0%

Algorithms: Design and Analysis, Part 2
08/2016
Stanford University Online
License: P4YP5LNXXC6P - Grade Achieved: 97.5%

Web Application Security Certification
07/2015
Octosec

Advanced Mobile Penetration Testing Certification
07/2015
Octosec

Adwords Certification
10/2015 - 10/2016
Google
License: 108560574407568073059

Honors & Awards

- Ford Otosan OpenXC Hackathon - 3rd Place
11/2017
There were 26 teams. We built a real-time data analysis application for cars, that detects potential car crashes and sends emergency texts, shows the cheapest nearby gas stations with their gas efficiencies, shows the speed limits of your road and so on.
- Invent & COMPEC Data Analytics Hackathon - 3rd Place
05/2017
There were 20 teams. I built, tested and deployed 3 ML models - neural network, multinomial logistic regression and multivariate linear regression - using TensorFlow to forecast sales quantities of a company using its 2 years of data.
- TechSummit IBM Hackathon 2017 - 1st Place
02/2017
There were 11 teams. We built a smart bracelet for preventing harassment and I was responsible for the backend (Node.js), machine learning (TensorFlow), and whole web application (Pug & Bootstrap).
- Comodo Hackathon - 1st Place
12/2016
There were 16 teams. We built Wower, and I was responsible for the development of the desktop app (Electron, Node.js, AngularJS) and its RESTful API (Ruby on Rails).
- UNFPA Innovation Day Project - 2nd Place
06/2016
We made a project called "Goodwill Ambassadors" that used micro-influencers to help spread the ideas of United Nations Population Fund.
- Büyük Sıçrama IOT Hackathon - 1st Place
05/2016
There were more than 20 teams. We built WowDoor and I was responsible for the backend API (serverless architecture with Microsoft Azure).
- TechSummit Hackathon 2016 - 2nd Place
04/2016
There were nearly 10 teams. I've built a mail classifier that uses Naive Bayes algorithm.
- COMPEC Garaj Hackathon - 1st Place
11/2015
There were nearly 10 teams. We built a simple game to give people some knowledge about online information security.