Azer Koçulu

Software Engineer
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Intro

I'm a software engineer with 10+ years of experience building high performance, user-friendly software. I made contributions to open source projects like Firebug since 2007, in addition to sharing open source projects in Github.

I have strong background with backend technologies such as Go and Python. As you can see in my employment history below, I built backend software that scaled for millions of users for startups in San Francisco such as Jelly and Teespring.

I'm a highly productive, self motivated engineer with strong communication skills. In the section below, you'll find recommendation letters from my former co-workers.

Recommendations

Conrad Irwin (CTO at Superhuman, 2017)

"Azer is a phenomenal problem solver, and a great asset on any engineering team. He worked with us on a very high risk project, and it's now in production for all of our users."

Gabe Shahbazian (Software Engineer at Jelly, 2015 - 2016)

"Azer has one of the biggest passions for people I've ever seen. That applies to the software he writes, his attitude and compassion in the office, and his volunteer work around the world. Working with him the past 6 months was inspiring. I was continuously floored by his ability to take ideas from the whiteboard through the engineering process into the hands of our users. Azer can finish projects in the time it takes others to think about the reasons why it won't work. In the future when I'm looking for engineers to hire, Azer is going to be at the top of my list."

Johannes Ma (Software Engineer at Teespring, 2014 - 2015)

"Azer is one of the more idiosyncratic person I've ever met. His imagination and his passion for open source projects is unbound and unmatched. He is a great independent worker but when we would pair he would be both cooperative and collaborative. I think he could strive under any circumstance, and would consistently produce professional results."

Employment

Kozmos

Founder (June 2017 - Current)

Designed, built and maintained the whole platform written in Go in backend, (P)React in frontend.

Built high-performance backend that scaled when hundreds of concurrent users uploaded their backups.

Designed an offline bookmarking DB that allows users manage their bookmarks when they are offline. It's open sourced at github.com/kozmos/likedb

Built Chrome, Safari and Firefox extensions. They're open sourced at github.com/kozmos/browser-extensions

Built Android iOS apps.

Implemented server-side rendering for (P)React components using Duktape. Open sourced it at github.com/azer/preact-go-starter

Shot edited ads, user interviews. (Can be seen in the homepage)

Superhuman @ San Francisco

Software Engineer (Project based contract)

Built a desktop app that launches Superhuman, as well as its Chrome extension on the background.

Coded desktop specific features such as auto-update, notifications and auto-launch.

Contract ended once the desktop app was shipped.

Jelly @ San Francisco

Software Engineer (October 2015 - June 2016)

Built image, search, user permission management, magic answers, search engine APIs using Go.

Built auto-tagging system for the content.

Built a feature-rich admin app that gets easily extended, using React and Redux

Built integration with Amazon's Alexa product

Developed internal libraries for solving complex problems with abstractions that save time, and make the codebase more maintainable.

Teespring @ San Francisco

Software Engineer (March 21, 2014 - September 2015)

Built a high-performance image processing server that serves 5 million images per day, using Go programming language.

Participated development of the analytics application using React library, leaded efforts to extract the application into its own repository.

Built an auto-tagging service in Go.

Maintained and developed deprecated image generation server written in NodeJS.

Built a color conversion library for Pantone swatchbook to reduce the amount of incorrect color conversions. Made extended research and developed visualization tools to make the conversion close to perfect.

Participated development of the t-shirt composer application written in JavaScript. Added features, did bug fixings, wrote open source libraries for it, and also redesigned it.

Rdio @ San Francisco

Software Engineer (April 29, 2013 - November 8, 2013)

Participated in the development of the Rdio web app

Main Duties:

Building and maintaining new landing pages of the site.

Improving the custom component system of the application.

Speeding up the testing tool
Creating dynamic HTML e-mails
Fixing bugs

Zendesk @ San Francisco

Software Engineer (October 31, 2011 - April 19, 2013)

Participated development of chat apps
Restructured chat projects in CommonJS packages and modules.
Built a micro-framework to test realtime apps by users and agents
Main Duties:
Building the chat platform of the site.
Investigating and fixing performance issues.
Creating JavaScript libraries needed.
Fixing bugs
Building testing tools to catch and fix bugs

Kartaca @ Istanbul

Software Developer (December 1, 2008–September 5, 2009)

Built a shopping platform. (Python, Django and PostgreSQL)
Main Duties:
Building web applications for the company itself.
Building web applications for the external clients of the company.
Maintaining existing applications made for external clients to improve company revenue.
Creating JavaScript libraries needed.
Fixing bugs

Gittigidiyor @ Istanbul

Software Development Specialist (May 5, 2008–November 28, 2008)

Built a front-end application for designing web based stores
Main Duties:
Creating JavaScript libraries needed.
Helping the engineering team to write JavaScript
Finding and patching security issues.
Building the front-end of the store designing application.
Building small components needed for the site.

Pagos Inc. @ (Remote: Istanbul / Cambridge, MA)

Software Engineer (November 19, 2007âĂŞApril 25, 2008)

Built a real-time, web-based spreadsheets application.
Main Duties:
Building front-end of the spreadsheets app.
Creating JS libraries needed
Fixing bugs

Solo Projects

GetKozmos.com, 2017

getkozmos.com

Hithchiker's Guide to Elm, 2018

azer.bike/journal/elm

Listen Paradise, 2018

listenparadise.org

NovaTogatorop.com, 2015

novatogatorop.com

MultiplayerChess.com, 2011

multiplayerchess.com

happy hacking linux, 2017

A Linux Distro For Software Developers
azer.bike/happy-hacking-linux

kaktus, 2016

A Web Browser With New Tabbing Redesigned
github.com/kaktus/kaktus

Knowledge and Experience

Programming Languages: Go, Clojure, Python, Common Lisp

Technologies: NodeJS, HTML5, CSS, Redux, React

Databases: PostgreSQL, MySQL, LevelDB, Redis, CouchDB

Systems: Linux

IDEs: Emacs

Education

AD Computer Technology and Programming - Suleyman Demirel University, 2007.

Computer Software - Isparta Anatolian Technical High School, 2005.