M. Utku Karataş

SENIOR SOFTWARE DEVELOPER

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ABOUT

I'm a polyglot developer. I've been a tech-lead / software architect for the most of my career. Since 2015 my main area of interest has been JavaScript - leading me into UI development too – which makes me a well rounded full-stack developer productive at both high and low levels of system design. I've built many consumer facing apps in both B2C and B2B contexts, some still in production.

Detailed commentary about my past experience below can be found at https://utkukaratas.com/resume.

SKILLS

Backend: Typescript / Javascript (Node, Deno), Java (Spring), Python (Django, Flask), ~~C++, Delphi~~.

Frontend: Typescript (React, Solidjs, ~~Vue.js~~).

Platforms: Kubernetes, AWS, Docker, ~~LXC/LXD~~.

Databases: PostgreSQL, Cassandra (ScyllaDB), Redis, Hazelcast, QuestDB, Kafka, ~~MySQL, SQLite~~.

EXPERIENCE

HAZELCAST   2020Q4 - 2023Q4
SENIOR SOFTWARE DEVELOPER

Hazelcast is the leading open source in-memory data grid in JVM world. Being part of the RD & Cloud team I'm building and maintaining management & monitoring applications of Hazelcast ecosystem, helping to integrate existing applications into the Cloud Paas solution of the company.

Technical work mostly consisted of Java, Spring, Node/Typescript/React + Docker/Kubernetes as the orchestrator. H2, RocksDB, and QuestDB were the database technologies our applications relied on.

STEALTH STARTUP   2019Q4 - 2020Q3
FULL STACK DEVELOPER

Led the team of 3 on mobile platforms via React Native. Also helped backend infrastructure team scaling with Cassandra/ScyllaDB modeling & scaling terabytes of daily throughput. Technical work mostly consisted of Typescript/React Native, Node.js, Postgresql, ScyllaDB.

WHIPDATA   2018Q2 – 2019Q4
CONTRACT DEVELOPER

Led the frontend at Whipdata - an Amazon marketplace analytics platform. Vue/Nuxt/Node was our choice of framework/platform. Also helped the backend team architecting/scaling the system with Django/ Postgresql.

ZEBRAMO   2017Q1 – 2018Q2
CONTRACT DEVELOPER

Built the web application of Zebramo app. from scratch. This was a large scale consumer facing PWA consuming Zebramo's backend services tailored for its existing mobile app.

Built the internal marketing tool akin to Customer.io; letting the Zebramo team execute marketing scenarios based on customer behaviours, all scriptable via a web based diagramming environment.

Under the same umbrella, built a sister web application in a related vertical, architected backend & frontend from the design stage to production.

Technical works above consisted of Python/Django/Wagtail CMS backed by Postgresql and Redis; as for the frontend stack Vue/Nuxt.js, JointJS, segment.io were chosen.

WIZBU   2017Q1 – 2018Q2
CONTRACT DEVELOPER

Helped Wizbu bootstrap several mobile projects. Wizbu was a software agency mainly involved in IOT and E-commerce verticals. Technical work mostly consisted of React Native and Swift.

ASOSYALSOZLUK   2015Q2 – 2016Q4
CONTRACT DEVELOPER

Built a social media application from the ground up with a team of 3.

Technical work consisted mainly of Python, Django, TypeScript, XMPP, LXD on the backend. On the frontend side the tech stack was Vue.js and React-Native. Later in product's lifecycle, frontend stack has migrated to React/Next.js.

YCEO/EKSERIYA   2012Q2 – 2015Q2
CTO/CO-FOUNDER

Built a team of ~10 making mobile/desktop games. Served as the CEO and CTO. Hired and worked closely with multiple groups of software engineers, designers and 3D artists.

Technical work consisted mainly of C++, OpenGL, Javascript, HTML5 and mobile SDK's of IOS and Android. Managed a team of 6 graphic designers and modelers.

YCEO/TACIRNET   2010Q – 2012Q2
CTO

Architected and built a Python based E-commerce platform akin to Shopify. Served as the first CTO. Grew a team of ~20. Technical work consisting of Python, Django, Redis, Postgresql.

Under the same umbrella company I also took a part of a team building an Intranet Application for TCDD (Turkish National Railways) enabling TCDD to track their wagons more precisely via GPS. Worked closely with the engineering team designing kinetic energy powered GPS hardware, integrating the hardware with our custom on-premise infrastructure. Technical work mainly consisted of Python, PHP, Postgresql, OpenLayers.

PFAIDE   2009 – 2010
SOFTWARE DEVELOPER

Designed and built a shareware Python IDE for Windows platforms.

The work mainly consisting of Delphi, Python, C, Win32. Open sourced the result after a shareware flop.

MORFIK TECHNOLOGIES   2006 – 2008
SOFTWARE DEVELOPER

Helped integrating Morfik's backend platform port to Linux using FreePascal. Morfik was a Web 2.0 IDE solution and a platform generating Web Apps from Pascal / Visual Basic code bases (a la Delphi for Web 2.0).

Technical work mainly consisted of Object Pascal on Linux.

EDUCATION

Sakarya Universitesi, Sakarya 2003 – 2008, Physics – dropped out.

Kadikoy Anadolu Lisesi, Istanbul - 1998 - 2002

PERSONAL

Languages: English, Turkish.