Buğra Ekuklu

SOFTWARE DEVELOPER

full-stack software developer specialized in data-driven distributed systems, OLAP/OLTP architectures and web applications

Contact information

Acıbadem cd. Rasim Paşa sk. 31/2
Kadıköy/İstanbul
Türkiye

+90 (541) 901 31 51

ekuklu@icloud.com
ekuklu@itu.edu.tr

thenopebox.com

github.com/Chatatata

Persona

Nationality	Turkish
Gender	Male (m)
Military obligation	Deferred until 2022.
Passport number	U21005696
Place of birth	Edirne

Education

Bachelor's Degree

Istanbul Technical University
Faculty of Computer and Informatics
Istanbul, Turkey

BSc. Computer Engineering (undergraduate)
2012 - 2020
GPA: 2.74 / 4.00; graduation is in November 2020

Languages

Turkish (mother language)
English (professional proficiency in reading, writing and speaking)
German (non-professional, speaking only)
Modern Greek (non-professional; speaking only)

Skills

Programming languages (including but not limited to)

Elixir, Erlang, C, C++ (with C++17), JavaScript (both Node.js and browser), Java, C#, F#, Swift, Objective-C, Kotlin, shell scripting languages (bash, zsh etc.), Python.

Frameworks and tools — keywords (including but not limited to)

Phoenix Framework, Ecto, ExUnit, Mix, Rebar, Boost, GNU Make, CMake, Catch2, Hapi.js, Express.js, Webpack, Karma, Mocha, Sinon, Chai, Jasmine, React, Redux, Enzyme, Istanbul, Spring Framework, Dropwizard, ASP.NET MVC, JavaFX, MediatR, Maven, Gradle, Cocoa, Cocoa Touch, Django, Flask, Kubernetes, Helm, Logstash, FluentD, Fluentbit, Kibana, Grafana, Istio, Kong, Ambassador, Chef, Ansible

Database / persistence solutions (including but not limited to)

PostgreSQL, Redis, Microsoft SQL Server, Memcached, MongoDB, RethinkDB, Prometheus, CitusDB, ElasticSearch, SQLite

Experiences

SKAARHOJ ApS
ENTERPRISE COMPANY
20.08 — 20.10 (2 mo)

Embedded Systems Developer REMOTE
Copenhagen, Capital Area, Denmark
20.08 — 20.10 (2 mo)

Developed and maintained the monolithic firmware software implemented with C++ running on the custom Arduino Due hardware. Modernized and documented the older C APIs by mostly rewriting them, to increase the code quality and test harness. Integrated several device cores for broadcasting specific software, such as vMix.

Saudi Digital Payments Company
ENTERPRISE COMPANY
18.06 — 20.08 (2 yr, 3 mo)

KaiOS Solutions Developer ON-SITE
Istanbul, Turkey (of Riyadh, Kingdom of Saudi Arabia)
19.03 — 20.08 (1 yr, 6 mo)

Part of a team developing first financial / banking application of *KaiOS* operating system, a mobile operating system for low-cost feature phones, such as *Nokia 8110 4G* (the banana phone), heavily being used in India, Saudi Arabia and Pakistan. The application was backed by our homemade UI components library built on *React* framework, with +120 KLOC of untested source code. Released <u>two</u> applications, one to the merchants of our platform, and the other to the customers of our platform.

Distributed Systems Developer ON-SITE
Istanbul, Turkey (of Riyadh, Kingdom of Saudi Arabia)
18.06 — 19.03 (9 mo)

Started development of instant messaging (IM) services, named STC Blink, by using Matrix open-source instant messaging software. Implemented management software for the protocol specification with Kotlin using Spring Framework.

BuyBuddy Türk Anonim Şirketi
STARTUP
16.05 — 18.04 (1 yr, 11 mo)

Software Developer ON-SITE
Istanbul, Turkey
16.05 — 18.04 (1 yr, 11 mo)

As a startup, designed an *IoT* device revolutionizing retail market, making shopping experience of customers *on-the-go* with mobile payment systems. Customers using our applications can find various products in a shop with their smartphones, see availability and buy them online, without any hassle. On the other hand, with provided software solution to our *B2B* partners, enterprises can migrate their existing stock / dispatch management systems and data with our widely supported medium, and with powerful analytics engine of our platform, they can utilize targeted advertising.

ARM DDT, formerly Allinea Software®
ENTERPRISE COMPANY
15.03 — 17.07 (2 yr, 4 mo)

Project Maintainer REMOTE
Bratislava, Slovakia
15.07 — 17.07 (2 yr)

Lumetri (a product of Allinea Software) is a platform of web analytics and search engine optimization, providing data for sinks (i.e. Alexa Inc.), particularly working with North Europe web sites, having more than 600.000+ HTTP requests per minute as an inbound data throughput.

Distributed Systems Developer ON-SITE
Vienna, Austria
15.03 — 15.07 (4 mo)

Refactored the web services for the platform with Erlang / OTP stack, which increased its auto-scaling capabilities and reduced the amount of marginal costs.

PORTFOLIO