Guseyn Ismayylov

Birth: 19 March, 1994
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I'm a full stack (predominantly backend) developer and a researcher with more than 6 years in software engineering. I created <u>Unison</u>, <u>Async Tree Pattern</u>, <u>EHTML</u> and <u>many other things</u>.

Skill set (tech stack): Java, JavaScript, Node.js, Spring Boot, Hibernate, Async Tree Pattern, Express, EHTML, HTML, CSS, SVG, Web Components, UI/UX, Git, Scilab, PostgresSQL, MongoDB, Liquibase, Flyway, migrate-mongo (library), ORM, Google Cloud Platform (GCP), Amason Web Services(AWS), Docker, Kubernetes, REST APIs, Public APIs, Stripe (Payment System), Message Driven Architecture, Microservices, Travis CI, Github Actions, Test Containers, Junit, Test Mock Frameworks.

Work Experience:

2021 Oct - 2022 Sep. Cognitran. I was responsible mainly for supporting multiple services in microservice environment, adding features, making adjustments in existing code legacy. I was also supporting diagnostic tool for real vehicles(and their simulations)

2021 March – 2021 Sep. Alten. Participating in the design of integration solutions. Implementation of new software. Working with some Google Cloud Services, Kubernetes, and Container based Infrastructure. End to end responsibility for delivering product increments Communication with Product Owner, SMEs and other IT departments as part of the Scrum Process. SIT Testing and support of Business UAT. Preparation of comprehensive technical documentation (code review and code quality aspects) to support the completed application.

Jan 2020 – Mar 2021. Huawei. Responsible for researchment and development a system that makes automatic API migration/bug fixing in the java source code. I Was working with open source teams around the world, building collaborations with those teams. Also I was developing libraries such as <u>Broken XML</u> and <u>Rewrite Java Definitions</u>.

2019 March - 2019 Dec. USMobile. Responsible for technical solutions and roadmap of replatforming from standard technical stack to Google Cloud Platform. Also implemented the whole automation of processing reports from third-party sources, which is completely based on GCP services.

2016 Dec - 2019 Feb. Grid Dynamics.

Google. I was working on internal tool for measuring performance of programmers and tools that can help manage people. The stack of frameworks and libraries are very specific (the are used only in Google), but some of them are very common.
Home Depot. I was working on Home depot support tool and responsibe for implementation of main features and collaborating with Home Depot management.
Raymond James. I was working on a big set of services for moving big data that contains client info between a lot of micro services. I was responsible for several microservices that was written from the scratch by me.

Proprietary projects: Unison is a platform where you can create sheet music just by describing them with simple words. (Node.js, Async Tree Pattern, MongoDB, EHTML)

Open Source Projects: EHTML, Page, Cutie, Cutie's extensions, Test executor, Broken XML, Rewrite Java Definitions

Papers: Async Tree Pattern

Talks: Declarative Unit Testing in Node.js (in Russian, 1 Mar 2020), Declarative Node (in Russian, 8 Feb 2019), EHTML: Simple Blog App (1 Dec 2019)

Certifications: Oracle Certified Associate Java SE 8 Programmer

Education: Applied Mathematics and Computer Science: *Saratov State University, 2012 - 2016*, Bachelor's Thesis: Cost Minimization of Energy on the Control of Satellite's Angular Motion (in Russian)

Rest of Life: I play guitar and ukulele, watch good movies, read useful books, learn chess, do sport activities (football, running), and travel a bit. More about me you can find here.