

AITUGAN MIRASH

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Education

Suleyman Demirel University

B.S. in Computer Systems and Software

Sep. 2018 – May 2022

Almaty, Kazakhstan

Experience

Gajiku

Full-stack Software Engineer

Jul 2021 – Current

Indonesia — Remote

- Designed and developed the back-end infrastructure for a whole MVP application of a KPI tracking service. This product was able to find customers on MVP stage and the company attracted additional investments of about \$10M
- Created an architecture and built the back-end infrastructure for a whole MVP application of a service that provides digital environment for the companies
- Worked with Google Firebase to manage user inputted data across multiple platforms including web and mobile apps
- Decreased the risk of errors on production by increasing the total code coverage with Unit and Integration tests
- **Used technologies:** Go, Node.js/Typescript, PostgreSQL, React.js, React Native

SprintSquads, Inc

Backend Developer Intern

Feb 2021 – May 2021

Almaty, Kazakhstan

- Rewrote microservices from Node.js(TypeScript) to Golang in the AdaptivePlus, a project that is used by several big Kazakhstan IT companies and banks with about 10 millions of downloads in total
- Decreased the risk of errors on production by increasing the total code coverage with Unit and Integration tests
- Significantly increased code maintainability and support by writing the project documentation with Swagger
- Created new tools for internal usage from scratch that were more convenient for writing logs and setting the environment to display errors on Elastic's Kibana, and better suited for the whole project than ready libraries
- **Used technologies:** Go, PostgreSQL, Docker, Kafka, Redis

Sardina Systems

Full-stack Software Engineer Intern

Jun 2020 – Sep 2020

UK – Remote

- Developed micro-services for internal uses at team that was working on FishOS, a cloud platform built on OpenStack and Kubernetes
- Created a service for generating and signing up e-licenses, which accessed usage of cloud platform services for employers and customers
- Contributed to initial planning for license-generating system utilizing Docker and Ansible
- **Used technologies:** Go, Python(Flask), Vue.js, Hashicorp's Vault

Projects

CEditor | *Node.js, mongoDB, Codemirror, socket.io, Heroku*

August 2020

- Developed a code editor that helps to parse and debug the code with someone
- Implemented such functionalities as authentication, real-time messaging and seeing another person editing code in the editor
- github.com/Aitugan/CEditor

Technical Skills

Experienced: Go, Vue.js, Node.js, Python3, PostgreSQL, Kafka, JavaScript, TypeScript

Familiar: React.js, MongoDB, OracleDB, Elastic Search, Redis, Docker

Extracurricular

Research Assistant

Suleyman Demirel University

Winter 2021 – Spring 2021

Almaty, Kazakhstan

- Wrote and published an article on "Man-in-the-middle attack" topic, implemented MITM and analyzed several tools for preventing the attack