

Ali Panesh

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EXPERIENCE

Yandex.Bank

Remote

SOFTWARE ENGINEER | C++, Go, PostgreSQL, MongoDB, Kafka

Oct 2022 - Present

Mentored new teammates.

Designed and led the development of a microservice to maintain the consistency across main screens. This service handle **4000rps** and **10ms** latency on the **p99**. This service reduces response times by **90%** for certain handlers.

Designed and led the development user infrastructure service with **6000prs** and **5ms** latency on the **p99**.

Developed **multiple set-cookie** and **bson->json conversion avoiding stack overflow** in **userver** open-source framework.

Gologin

Remote

DEEP LEARNING ENGINEER | CV, PYTHON, PYTORCH, MONGODB, RABBITMQ, S3

Jul 2022 - Sep 2022

Made and trained the model for **object detection** with mAP@0.5 over **95%** to parse websites.

Designed and developed microservice, which handles this computer vision model.

JUNIOR SOFTWARE ENGINEER | CHROMIUM, C++, NODE.JS, PYTHON

Nov 2021 - Jun 2022

Created a rebasing script for **Chromium** using **git patches**, which decreased the time of rebasing between chromium branches by **95%**.

Found vulnerabilities and fixed them in the fingerprint in getClientRect, canvas and WebGL images, etc.

For UI invented avatar over icon for **windows**, **ubuntu**, and **macos** to differentiate opened profiles.

TEACHING EXPERIENCE

Higher School of Economics

Remote

SCIENTIFIC SUPERVISOR

Oct 2023 - Present

Scientific supervisor of the diploma of **4 students**.

The project's target is developing an application to search dishes in restaurants without specific ingredients.

Project should help allergic people.

Stack: **GO, MongoDB, Postgresql, JavaScript, React, Dart, Flutter**.

EDUCATION

Higher School of Economics

Moscow/Remote

BACHELOR OF COMPUTER SCIENCE, ML DEPARTMENT

SKILLS

- **Programming languages:** C/C++, Python, SQL, Go, JavaScript, Bash
- **Technologies:** Git, Linux, Docker, PostgreSQL, MongoDB, ClickHouse, Kafka, Redis, S3
- **Languages:** English: upper-intermediate, Russian: native