Ali Panesh

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EXPERIENCE

Yandex
Remote

SOFTWARE ENGINEER | C++, GO, POSTGRESQL, MONGODB, KAFKA
Oct 2022 - Present

Mentored new teammates.
Designed and led smart the cache microservice for screen to maintain the consistency across main screens with **4000rps** and **10ms** latency on the **p99**. This service reduces response times by **90%** for certain handlers.
Designed and led user infrastacture service with **3500prs** 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 | 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 using **PyTorch** and **YOLOv5**.
Developed microservice from scratch, which handles this model. The service detects bounding boxes for the website picture and writes it as a response to **MongoDB**.

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 with skia.

Yandex
Moscow

INTERN SOFTWARE ENGINEER | C++, POSTGRESQL
Jul 2021 - Oct 2021

Implemented the feature that reduced driver rejection by **10%**.

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

PROJECTS

- Diploma supervisor for 4 students at Higher School of Economics. The project's target is developing an application to search dishes in restaurants without specific ingredients. Project should help allergic people.