Ali Panesh

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EXPERIENCE

Cerera | HFT
INFRASTRUCTURE SOFTWARE ENGINEER | **C++, WEBSOCKET**

Remote
Jun 2024 - Present

- Added section for Binance exchange.
- Binance reverse engineering.

Yandex | Pay unit
SOFTWARE ENGINEER | **C++, GO, POSTGRESQL, MONGODB, KAFKA**

Remote
Oct 2022 - Jun 2024

- Mentored new teammates.
- Designed and led the development of a microservice to maintain consistency across main screens. This service handles **4000rps** and **10ms** latency on the **p99**. This service reduces response times by **90%** for certain handlers.
- Designed and led the development of user infrastructure service with **6000prs** and **5ms** latency on the **p99**.
- Developed multiple set-cookie and bson<->json conversion avoiding stack overflow in **userver**.

Gologin
DEEP LEARNING ENGINEER | **CV, PYTHON, PYTORCH, MONGODB**

Remote
Jul 2022 - Sep 2022

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

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%**.

Yandex | Delivery unit
INTERN SOFTWARE ENGINEER | **C++, POSTGRESQL**

Moscow
Jul 2021 - Oct 2021

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

TEACHING EXPERIENCE

HSE university
SCIENTIFIC SUPERVISOR

Remote
Oct 2023 - May 2024

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

EDUCATION

HSE university
BACHELOR OF COMPUTER SCIENCE, ML DEPARTMENT

Moscow

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