

Dmitriy Popov

My name is Dima · I'm backend developer · I write code in JS and C++

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Hello. As written above, my name is Dima. I have been working professionally as a programmer since 2018. I have developed cross-platform mobile applications in Qt, but I discovered JS in 2020 and fell in love with it. I love developing the backend part and everything that connected with it. I have experience in developing microservices, building CI/CD using GitLab and working with cloud providers (GCP).

EXPERIENCE

Tech Lead — FusionPOS

12.2023 — present

fusionpos.ru

Backend platform architecture, hiring and mentoring, infra-level decisions. Code review, roadmaps, product alignment.

- Migrated infra to k8s + Helm; deploy downtime down from 5 min to 0
- Rolled out GitOps with ArgoCD
- Grew team to 4 engineers + SRE
- Built a three-tier monitoring stack (infra/app/business)

Senior Developer — FusionPOS

06.2021 — 12.2023

fusionpos.ru

Led backend platform, designed services and APIs. Pushed the mobile stack forward.

- Built CI/CD for Android in GitLab; auto releases to Play Console and Firebase
- Designed an in-house alerting system with grouping and escalation
- Mentored 2 juniors
- Rewrote a critical microservice in TypeScript; p99 latency 800ms → 90ms

Developer — FusionPOS

02.2020 — 06.2021

fusionpos.ru

Designed and built API on Yii2 from scratch. Extended Qt mobile apps.

- Designed an API serving 50+ POS terminals in production
- Integrated Firebase Analytics and Crashlytics into Qt via JNI
- Brought backend test coverage to 70% with Jest

Junior Developer — FusionPOS

03.2019 — 02.2020

fusionpos.ru

Cross-platform Qt mobile apps (Obj-C / Java). First steps into backend.

- Shipped 3 mobile apps to production for POS terminals
- Picked up Yii2 and the full backend stack
- Got hands-on with the JNI bridge between Java and C++

SRE Engineer — DecartIT

04.2022 — 08.2022

dcart.it

Infrastructure and monitoring. Done alongside the senior role at FusionPOS.

- Stood up Prometheus + Grafana across 12 services
- Cut MTTTR by 40% with proper alerts
- Documented 20+ common incidents as runbooks

C++ Developer — Freelance

06.2020 — 10.2022

Side C++ work, mostly around Qt and systems.

- Delivered 8+ contract projects on time
- Profiled and optimised a legacy Qt app; UI 3x faster

Software Developer — CoffeeBon

09.2020 — 01.2021

www.coffeebon.ru

Improvements to a Qt mobile app.

- Reduced cold-start by 30%
- Added a local SQLite cache; offline mode works

EDUCATION

Voronezh State Technical University Specialist

09.2014 — 02.2020

Department of Radioelectronic Control Systems and Complexes

COURSES

Slurm

Evening School on Kubernetes

09.2021 — 12.2021

SKILLS

- NodeJS (ExpressJS), TypeScript, TypeORM, Jest
- MySQL, PostgreSQL, MongoDB, Redis
- Linux, Docker, k8s, Helm, CI/CD, GitLab, DevOps, GitOps
- Qt, qml, C++, Andoid (Java), iOS (Object-C)
- Vue3, NuxtJS, HTML
- PHP, Yii2

KEY ACHIEVEMENTS

- Implemented CI/CD for Android applications
- Implemented monitoring and logging in the backend part
- Introduced various Firebase services into a Qt mobile application
- I know how to work with JNI in Qt