

# Oleg Antonyan

Belgrade, Serbia • <https://github.com/olegantonnyan/> • [linkedin.com/in/oleg-antonyan-2b715089](https://www.linkedin.com/in/oleg-antonyan-2b715089)  
oleg.b.antonyan@gmail.com

## Software engineer

### WORK EXPERIENCE

#### **Bestplay** • Remote • 05/2024 - Present

<https://bestplay.app> - casual mobile games

**Backend developer** • Contractor

- Built monitoring with NewRelic
- Payment gateways (PayPal, Tremendous, TangoCard) integrations
- Web-based (PWA) client app in Svelte
- LiveOps system (periodic events "play that much over weekend and win X")
- Deployed multi-process Sidekiq on Heroku to improve throughput

#### **AYTM** • <https://aytm.com> • 09/2016 - 05/2024

Market research automation. Remote and async

**Lead backend developer** • Contractor

- Introduced Rubocop in ~500k LOC Ruby on Rails project to improve code quality
- Created Data Warehouse for internal BI (Go, Python, Google BigQuery, PubSub, Cloud Functions)
- Implemented several big features with a lot of refactoring and data migrations, touchnig ~30% of all codebase, deployed with 0 downtime and 0 critical bugs.
- Carried RoR upgrade from 5.2 to 7.1 of ~1M LOC project

#### **Slon-DS** • 12/2014 - 01/2020

**Developer, co-founder** • Part-time

- Built everything. RoR app, audio player on ESP32, video player on RPi+Python, Android-based player
- Together with co-founder led the bootstrapped company to sustainable income

#### **10levels** • 01/2015 - 09/2016

Mobile app and backend for weight loss

**Lead developer** • Full-time

- Launched mobile app (Ionic framework) and backend for it (Ruby on Rails)
- Carried product development until hiring a dedicated product owner

#### **System Technologies** • <https://sys4tec.com/en/> • 10/2013 - 12/2014

FMCG distribution automation

**Software developer**

- Created a CI tool for building C++/Qt app for multiple platforms, code here <https://github.com/olegantonnyan/fbbs2>
- Made C++/Qt mobile app run natively on Adnroid x86 (in addition to ARM)
- Implemented error reporting service for mobile app using Google Breakpad

## **Freelance • 01/2011 - 11/2013**

### **Embedded developer**

- Ported LwIP on LPC1768 ([https://bitbucket.org/antlabs\\_dev/lpc178x\\_freertos\\_lwip\\_skeleton/src](https://bitbucket.org/antlabs_dev/lpc178x_freertos_lwip_skeleton/src)) as a part of client's project - alarm system
- Created server-side software in C++/boost for communicating with alarm devices
- Reverse-engineered couple of protocols: one UDP-based, another proprietary similar to I2C
- Built a MESH network on CC430-based RF MCUs

## PROJECTS

### **OmniPackage • 02/2023 - Present**

<https://github.com/omnipackage>

Currently working on open source project which helps creating and distributing RPM and DEB packages - <https://omnipackage.org/>

### **mpz - music player for big local collections • 03/2019 - Present**

<https://mpz-player.org/>

OpenSource C++/Qt based desktop application. Inspired by "Album list" in Foobar2000, but it's not an attempt to clone

## SKILLS

**Backend:** Docker, Git, Google cloud, Linux, MySQL, PostgreSQL, Ruby on Rails

**Languages:** C, C++, Crystal, Go, JavaScript, Python, Ruby, Rust

**Natives apps:** Android, Embedded FreeRTOS, Embedded Linux, Qt

**Data engineering:** BigQuery, ClickHouse, ETL

**Frontend:** Bootstrap, React, Stimulus, Svelte, Tailwind, Turbo