

DMITRIY ELISOV

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Citizen of Romania

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Chief Technical Officer

Professional experience

Oqtacore • Lausanne, Switzerland • Oct 2021 – Present

A software development company that builds startups from scratch

CTO

Comes up with technology strategy, does hiring and tech management:

- Helped grow the company for \$50k to \$2m ARR, from 3 to 47 people without losing quality
- Built 5 full-blown products, over 20 MVPs for a total budget of \$7m
- Built agile development processes with Scrum, 2-week sprints, Gantt diagram planning, retrospectives, demo sessions; created policy for self-sufficient teams, introduced company security policies, introduced Learning Management System for onboardings, introduced AI agents for sales
- Average time-to-release is 6 months for full product, 2 months for MVP
- Went cloud-native for GDPR, CCPA and HIPAA compliance with most modern tech stack built on top of AWS services

Languages: C#, Java, JavaScript, Typescript, Rust, Python, Solidity, C++, Go

Crossover (remote work) • Texas, USA (Remote) • Mar 2019 – June 2022

A child software development company of ESW Capital with 2000+ developers that maintains the huge portfolio of acquired software businesses.

Chief Software Architect

Develops new solutions and improves existing software over the huge assortment of various software systems

- Maintained a total of 9 different large-scale enterprise systems over the course of 3 years. The stack of the projects was unique in each case
- Took a project in C++ that did not have a single developer for the last 2 years, added support for 64 bits, updated all dependencies and created a fresh build Windows & Mac for 32 and 64-bit versions
- Participated in 3 different projects built completely on AWS architecture

Languages: C++, C#, Java, JavaScript (node.js), Python

flymining.cloud • Lausanne, Switzerland (Remote) • Jan, 2018 – Feb, 2019

Bitcoin cloud mining platform with more than \$1.5m invested. Proprietary cloud mining software and sophisticated accounting & billing solution.

CTO, Lead Developer

Develops the product, divides responsibilities between 5 developers

Technology stack: C#, WPF, Asp.Net MVC, MSSQL, Redis, NSSM, HTML, JavaScript, Vue.JS, CSS, Bitcoin Core, Ethereum, Web API, TeamCity, Mercurial, Selenium Test Suite, Cloudflare, Azure, Docker

FlySecure • Edinburgh, Scotland (Remote) • Dec, 2016 – Dec, 2017

FlySecure – webinar player with video copyright protection

Lead Developer

Builds the product from scratch: architecture, technology stack, development, testing and verification process. Develops the product, divides responsibilities between team of 3, orchestrates the development process, verifies the result with users.

Flysecure is a cross-platform (Windows, MacOS, iOS and Android) webinar software written in Qt C++ with libvlc, boost:asio, openssl, unixODBC/FreeTDS, CMake, CDN video streaming and serving 40k users.

MSC • Washington, DC, USA • Apr 2015 – Nov 2016

A contractor firm that provides software development outsourcing services

C/C++ Software Engineer

Works at the world's most comprehensive medical database.

Develops and maintains a cross-platform low-level C/C++ TCP/IP connection library that works as an adapter for the Apache ZooKeeper load balancer. Wrote unit and integration tests for Visual Studio Test Suite and TeamCity, used helgrind and valgrind on Linux.

Moscow Institute of Physics and Technology • Moscow, Russia • Feb 2013 – May 2014

The leading technical university in Russia, well-known for its top-of-the-world computer science education. Its coding team is constantly winning ACM ICPC gold and silver medals since 2012.

Computer Science Teacher

Teaches Computer Science: OOP, Programming Design Patterns, C++, Algorithms and Data Structures, Computer Systems, UNIX, POSIX.

Smart Tagger Ltd. • Moscow • Jan 2011 – Apr 2014

A startup company that creates text mining software for enterprise

C++/C# software engineer

- Manages team of 4 trainees

- Develops and maintains cross-platform client-server software in C++ (server) and C# (standalone client, Outlook plugin). Technology: Qt, WPF, boost, boost::Asio, sockets, TCP/IP
- Implements natural language processing and machine learning algorithms in C++, C# for performance-critical tasks

EDUCATION

- **Moscow Institute of Physics and Technology • Moscow • Sep 2008 – Jul 2014**
Master of Computer Science
- **Certified Project Management Expert by PMI • Moscow • 2011**
- **Yandex School of Data Analysis • Moscow • 2013**
An auditor, completed courses of data analysis and linguistics