

I am an iOS/macOS software engineer with wide experience in full-stack development as well. I'm especially interested in building magical mobile experiences and shipping reliable applications with use of modern technologies. I have 9+ year experience in Swift and 10+ overall experience of development for Apple products. I learn fast, I'm very efficient in async communication and able to solve non-trivial tasks on my own when needed in a least time-consuming way. I prefer creativity over routine and finding simple solutions in my work.

Technologies and Languages

- Languages: Swift, Python, JavaScript
- Technologies: Xcode, SwiftUI, AppKit, sqlite, Core Data, Firebase, Supabase, AWS, DigitalOcean, ChatGPT, Debian, Redis, Postgres, Flask, Git, Bitrise, Telegram API/Bot API
- Other: Extensive knowledge in computer science (data structures, algorithms, complexity), memory management, command line and other related stuff.

Education and Certifications

- **M.Sc. Computer Science**, Saint Petersburg Polytechnic University, Russia. **2006 - 2008**
- **B.Sc. Computer Science**, Saint Petersburg Polytechnic University, Russia. **2002 - 2006**
- **High School Graduate**, Saint Petersburg Phys-Math Lyceum #30, Russia. **1997 - 2002**

Work Experience

Senior Software Developer **Layer1 (M37 Inc.)** **Sep 2017 – Jun 2024**
macOS/iOS team San Francisco, CA, USA (remote)

- Major part of UI development for the main macOS product.
- Highly responsive and customizable interface to work with lots of screen/audio recordings and other user data.
- Tech stack: **Swift, AppKit, SwiftUI**, Google Firebase, ChatGPT, sqlite (GRDB), CI/CD (Bitrise), GitHub.
- This software is still in [Beta](#) stage but I can demo it on demand.

Indie Hacker **Self-employed** **Jun 2014 - Present**
Own projects orchestra wherever I am

- In the past 10 years I have been working on several own projects with different level of success.
- It's in range from full-stack development (debian/django/postgres/redis/memcached) to **iOS/macOS development** and Telegram bots.
- InstaBro [\(instabro.app\)](#) – one of the past projects, still alive but no longer maintained. It was my **first experience in macOS and Swift** development.
- Also, I have quite successful Telegram chat bot written on Python.
- Other iOS projects no longer maintained but I'm currently working on a new one in my spare time.

Tech Co-founder **Clubture (halted)** **May 2012 - Mar 2014**
Saint Petersburg, Russia

- Full-stack development of an MVP.
- Stack used: Django (Python), Postgres, Redis, **Objective-C, Cocoa Touch**.

Senior C++/ObjC/JS Developer **GGA Software (ac. by EPAM)** **Sep 2005 - Apr 2012**
Saint Petersburg, Russia

- Development of a chemical search engine for Oracle on C++
lifescience.opensource.epam.com/bingo/index.html
- Development of a chemical editor on JavaScript
lifescience.opensource.epam.com/ketcher/
- Development of a pilot chemical editor on iOS.
- Numerous of projects for customers in pharma.
- Subcontract work for RingCentral on new generation JavaScript front-end.

C++ Developer

CREAT Studios

Sep 2003 - Aug 2005

Saint Petersburg, Russia

- Game development for PlayStation & XBOX.

Personal

- Family-oriented, a father of two sons.
- Avid padel player & experienced skydiver (in the past).
- Maintain Russian-speaking community of motobikers in Portugal.
- I always strive to keep my mind open for everything new.