

VICTOR POLOZOV

Lead Software Engineer

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EXECUTIVE SUMMARY

- 25+ years in systems programming, backend, mobile, full-stack, and DevOps, with leadership delivering production-grade solutions in healthcare, education, and compiler tech.
- Built and operated CI/CD, internal tooling, multi-tenant healthcare platforms, and cross-platform mobile delivery workflows at production scale.
- Strong academic foundation (MSc in Math) and a decade of CS/SE teaching.
- Passionate about clean design, mentoring, and cross-domain innovation.

CORE COMPETENCIES

- Software Engineering & System Architecture
- Development: C/C++, Ruby/Rails, C#/F#, Java/Kotlin, ObjC/Swift, Python
- DevOps & Infrastructure Automation
- Problem Solving & Performance Optimization
- Project & Team Leadership

CAREER SUMMARY

- **MedM Inc** 2018 – now
Software Engineering Lead – Platform & Web Systems *Remote*
 - Led backend and platform development for a HIPAA/GDPR-compliant RPM system: device data ingestion, patient communication, APIs, multi-tenant B2B deployments, admin tools, and integrations.
 - Scaled cross-functional engineering team 5x while establishing robust engineering practices and improving release quality.
 - Orchestrated integrations with external services: Garmin, call providers (Five9, Twilio), monetization (AppStore, Google Play, Stripe).
 - Supported the shift toward multi-tenant B2B healthcare deployments, combining MedM Care mobile access, MedM Cloud tenant configuration, and internal/customer-facing administration tools.
 - Implemented security improvements and audits: GDPR, HIPAA, strict security policies.
 - Delivered observability and performance improvements to support 100x growth in production scale.
 - Technologies: Ruby on Rails, PostgreSQL, React, jQuery, Bootstrap, etc.
- *DevOps and Automation* 2014 – present
 - Designed and maintained CI/CD and engineering automation for 200+ projects, enabling repeatable builds, deployments, and release workflows across backend, mobile, cloud, and customer-specific environments.
 - Built internal tools, scripts, and operational workflows to automate builds, deployments, configuration, monitoring, and release processes across cloud and on-prem environments.
 - Maintained production monitoring and alerting using Prometheus, Grafana, Alertmanager, cloud provider alerts, and application error reporting.
 - Implemented centralized role-based secrets management with HashiCorp Vault.
 - Tools: TeamCity, Kotlin, bash/cmd, Prometheus, Grafana, Ansible, Docker, NewRelic.
- *Mobile Client Team Lead* 2014 – 2020
 - Organized mobile release and customization workflows for B2B healthcare products, supporting 100 customer-specific customizations and hundreds of delivered app builds/variants across iOS, Android, SDK, Hub, and legacy platforms.
 - Led architecture improvements and new platform support.
 - Introduced new products: SDK, Linux Hub, IoT Hub, FHIR Hub.
 - Technologies: C++, Java/Kotlin, ObjC/Swift, C#, C, SQLite, BlueZ/DBus, internal DSLs.
- **Lanit** 2014
Senior Developer *St. Petersburg, Russia*
 - Automated MSSQL-to-Oracle database code and data migration for a major bank.
 - Prepared migration procedure within strict time windows.
 - Automated merging of generated and manually fixed code.
 - Technologies: F#, PL/SQL, T-SQL, sh/cmd.

- **Lanit / Bluephoenix Ltd** 2003 – 2009
Compiler Developer *St. Petersburg, Russia*
 - Developed human-readable COBOL code generation.
 - Implemented minimal footprint Java/JVM code generation and DFA-based optimizations.
 - Technologies: C, yacc, COBOL, Java, C++, JCL, C#.
- **Lanit** 1999 – 2014
Software Engineering Expert / Developer *St. Petersburg, Russia*
 - Worked on CI/CD, simulations, healthcare, and enterprise systems.

EDUCATION

- **Saint Petersburg State University** 2006 – 2015
Assistant Professor *St. Petersburg, Russia*
 - Core CS/SE courses: Programming, Formal Languages, Functional Programming.
 - Mentored diploma and thesis projects, guided students in research and practical applications.
 - Curator for Software Engineering specialty, aligning curriculum with industry standards.
 - Co-organizer of student conference SPISOK (2011–2014).
- **Saint Petersburg State University** 1998 – 2003
MSc in Mathematics and Mechanics *St. Petersburg, Russia*
 - Thesis: “Language for semantics analysis and abstract syntax trees transformations.”

LANGUAGES

English (Fluent), Russian (Native), Hebrew (Intermediate)