

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.
- MSc in Math and 10+ years teaching CS/SE; passionate about clean design, mentoring, and solving deep technical problems across domains.

CORE COMPETENCIES

- Software Engineering & System Architecture, DevOps & Automation, Backend & Mobile Development
- Performance Optimization, Team Leadership, CI/CD, Security, Cross-platform Solutions
- **Languages:** C/C++, Ruby, JavaScript/Typescript, SQL, C#/F#, Java/Kotlin, Python, Bash
- **Frameworks/Platforms:** Ruby on Rails, Node.js, React, .NET
- **DevOps & Tools:** Docker, TeamCity, AWS, Azure, Vault, Prometheus, Ansible, Git

EXPERIENCE

- **MedM Inc** 2014 – Present
Senior Software Engineer (Technical Lead) *Remote (US-based)*
 - Led Platform & Web team growth 5x; scaled infra 100x; secured GDPR/HIPAA compliance
 - Rotated through mobile, server-side, and DevOps roles; deep integration work (Garmin, Twilio, monetization, EHRs)
 - CI/CD with 200+ projects, 6k+ builds; infra with TeamCity, Docker, Vault, Prometheus, Ansible
 - Directed mobile pipeline: 500+ builds, SDKs, IoT hubs, offline mode, and app customization tooling
- **Lanit-Tercom** 1999 – 2014
Senior Developer & Compiler Engineer *St. Petersburg, Russia*
 - Automated MSSQL-to-Oracle translation (F#, PL/SQL), achieving 10x cost savings compared to manual rewriting
 - Built compiler optimizations: DFA, code gen for COBOL/Java; tools: yacc, JCL, C++
 - Contributed to enterprise (Bluephoenix Ltd, FOSS, Relativity Inc), healthcare (dbMotion), and simulation systems (McGrow Hill); and various automation tools

EDUCATION & TEACHING

- **Saint-Petersburg State University** 1998 – 2003
MSc, Mathematics and Mechanics Faculty *Thesis: Semantics and AST Transformations*
- **Assistant Professor** 2006 – 2015
Saint-Petersburg State University *Russia*
 - Taught Formal Languages, Programming, Functional Programming; mentored thesis projects
 - Curriculum curator; SPISOK conference co-organizer (2011–2014)

LANGUAGES

- English (Upper-Intermediate), Russian (Native), Hebrew (Intermediate)