

BORIS YAMPOLSKY

Full-Stack Developer | Backend Engineer | Quantum Software Engineer

Tel Aviv area & Jerusalem, Israel | +972 53-299-9903 | boryayamp@gmail.com | github.com/BorisYamp

PROFESSIONAL SUMMARY

Full-Stack Developer with 2+ years of startup experience spanning Python/Django backend, React/TypeScript frontends, Rust systems programming, and Kotlin/Android mobile development. Proven track record of independently architecting and maintaining production systems with 24/7 on-call support. Currently building cross-platform mobile applications with Rust core and native Android UI.

TECHNICAL SKILLS

- **Backend:** Python, Django, Django REST Framework, Node.js
 - **Systems:** Rust, UniFFI (Rust↔Kotlin FFI), SQLite
 - **Frontend:** React, TypeScript/TSX, Next.js, Vercel
 - **Mobile:** Kotlin, Jetpack Compose, Android SDK
 - **DevOps:** Docker, Docker Compose, Kubernetes, CI/CD, Linux Server Admin
 - **Database:** PostgreSQL (migrations, optimization, indexing), Django ORM
 - **Testing:** unittest, React Testing Library
 - **Git:** GitHub Actions, GitLab CI
 - **Integrations:** REST APIs, Webhooks with AI, Make.com, Facebook Graph API
 - **Specialized:** Quantum Computing (D-Wave, PyQubo)
-

PROFESSIONAL EXPERIENCE

Full-Stack Developer with DevOps Responsibilities

SindyClean | May 2025 – Present

- Developed and maintained a CRM system managing 300+ clients and 20+ service providers, built with React (TypeScript/TSX) frontend and Django REST Framework backend
- Improved application performance by ~20% through PostgreSQL query optimization, indexing strategies, and database migration redesign
- Built webhook integrations with AI systems, implemented Make.com automation and Facebook Graph API integrations for automated business workflows
- Administered production and preview servers with 24/7 on-call support: Docker Compose environments, CI/CD pipelines, rapid incident response and system maintenance

Python Developer (Solo Developer)

Qu-Beam (Israeli Startup) | August 2023 – January 2025

- Sole developer for quantum annealing optimization system using D-Wave quantum computers and PyQubo framework
 - Architected complete Python backend, implemented automated testing with unittest, optimized algorithm performance
 - Built data visualization tools (NumPy, Pandas, Matplotlib); configured Kubernetes for auto-scaling backend services
 - Represented startup at FW: Investment Opportunity F2 VC & Next conference
-

PERSONAL PROJECTS

Hush — Intelligent Notification Manager | 2026 – Present

- Cross-platform notification management system with a Rust core engine and Kotlin/Jetpack Compose Android UI

- Designed a rule-based engine for filtering notifications from Telegram, WhatsApp, Signal, and Gmail with contact matching, time schedules, and auto-classification
- Implemented Rust \leftrightarrow Kotlin interop via UniFFI; SQLite storage with migrations; background services for email polling and schedule-based activation
- Integrated Telegram Client API (TdLib), Gmail OAuth, and Android NotificationListenerService for real-time notification interception

Freelance Web Development | 2025 – 2026

- Built bilingual static websites for small businesses using Next.js, next-intl, and Vercel
- Implemented RTL language support, interactive maps, and responsive design

QuantumVis — Quantum State Visualization | 2026

- Interactive single/two-qubit quantum state simulator with Bloch sphere visualization, built with React + TypeScript
- Implements quantum gates (X, Y, Z, H, S, CNOT, SWAP) with complex number arithmetic and state normalization

EDUCATION & CERTIFICATIONS

- The Hebrew University of Jerusalem — Mathematics BA degree candidate
- D-Wave Quantum Computing Certifications: Foundations for Quantum Programming, Quantum Programming Core

LANGUAGES

Hebrew (Fluent) | English (Fluent) | Russian (Native) | Ukrainian (Fluent)