

FILIPP GNILYAK

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PROFESSIONAL SUMMARY

Software developer building full-stack applications and developer tools with Rust, TypeScript, Elixir, and Kotlin. Recent work includes a full-stack sports platform with GraphQL API and native Android app, a Rust/WASM browser extension for PDF generation, plus WebAssembly optimization and static analysis tooling. Background in 20 years of enterprise backend development—HR systems, payroll, and integrations. Strong foundation in API design, system integration, and scalable architecture.

TECHNICAL SKILLS

Rust, TypeScript, Elixir/Phoenix, Kotlin, WebAssembly (WASM), ABAP, GraphQL, Android Development (Jetpack Compose), AI-Augmented Development (Claude Code), Backend Development, API Development & Integration, RESTful Services, System Integration, CLI Tools Development, Static Analysis, AST Parsing, CSS Parsing, WebAssembly Optimization, Database Design, Data Migration, Performance Optimization, Real-time Messaging Systems, Browser Extensions, Multi-system Integration, Scalable Architecture Design

RECENT PROJECTS

Sports Community Platform

Elixir/Phoenix · Kotlin/Android · GraphQL

Full-stack platform for team management, event tournaments, facility booking, and real-time messaging. Native Android app with Jetpack Compose, Phoenix backend with GraphQL API. (In development, code demonstration available upon request)

ResumeWright

TypeScript · Rust/WebAssembly · Browser Extension

Browser extension that converts Claude-generated CV/resume TSX components into ATS-compatible PDFs. Built with TypeScript/React for the extension UI and Rust/WASM for high-performance PDF generation. Privacy-first architecture with 100% client-side processing.

wasm-slim

Rust · CLI Tool · WebAssembly Optimization

Command-line interface for analyzing and reducing WebAssembly bundle sizes. Helps developers optimize WASM binaries for production deployment.

statelint

TypeScript · Static Analysis · AST/CSS Parsing

CLI tool that performs static analysis on frontend codebases to detect missing interactive states (hover, focus, active, disabled) on UI components. Uses AST parsing for JSX/TSX and CSS parsing for stylesheets. Supports multiple frameworks (React, Vue, Svelte) and outputs reports in various formats including SARIF for CI/CD integration.

Open source projects: github.com/vitalratel

PROFESSIONAL EXPERIENCE

Software Engineer

September 2023 – August 2025

Shelfmatch Robotics Ltd – Cyprus (Contract, Remote)

- Developed backend services supporting robotics operations and inventory management
- Built API integrations connecting internal systems with external platforms
- Optimized data processing pipelines for performance
- Collaborated with cross-functional teams to deliver features on schedule
- Implemented automated reporting and data analytics solutions improving user experience

Backend Developer

February 2022 – August 2023

MGL MY.COM (Cyprus) Limited – Cyprus (Contract, Remote)

- Developed RESTful APIs serving web and mobile applications
- Implemented complex business logic for workforce management workflows
- Built data integration services connecting multiple backend systems
- Designed data models and API contracts in collaboration with frontend teams
- Mentored developers and conducted code reviews
- Maintained high code quality and system reliability

Software Developer & Technical Specialist

November 2002 – February 2022

Multiple Organizations – Russia (Full-time)

- 19+ years building enterprise software across tech, energy, and consulting companies
- Developed backend systems for HR, payroll, and organizational management
- Built APIs and integration services connecting enterprise applications
- Implemented complex business logic for workforce planning and financial calculations
- Led data migration projects for critical business systems

ADDITIONAL INFORMATION

Education: Mathematician, Mathematics Teacher — Perm State University (1997–2002)

Languages: English (Proficient: C1 Reading/Listening/Writing, B2 Speaking), Russian & Ukrainian (Native)

Interests: Road cycling, Basketball, Streetball