

Andrei Filippov

Australian Permanent Resident — full working rights

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PROFESSIONAL SUMMARY

Senior Full-Stack Engineer and Tech Lead with 18+ years of experience delivering fintech, banking, payments, and B2B platforms. Strongest in Ruby on Rails and PostgreSQL, with broad polyglot experience across full-stack web technologies, multiple languages, databases, integrations, and compliance-sensitive delivery.

CORE COMPETENCIES

Ruby on Rails · PostgreSQL · TypeScript · Fintech / banking systems · Technical leadership · Agentic engineering

PROFESSIONAL EXPERIENCE

Tech Lead — Yangi Bank

Sep 2021 — Jan 2026 · 4 yrs 5 mos

Led technical and product delivery for the B2B side of a digital bank, spanning architecture, backend systems, integrations, and production delivery.

- Introduced AI-assisted development practices and mentored colleagues on using AI tools effectively for planning, implementation, refactoring, and documentation while preserving code quality.
- Built core B2B banking capabilities across authentication, client dashboards, payments, payroll, cards, e-signatures, and client-facing workflows.
- Designed and implemented the integration layer connecting banking services, payments, payroll, card systems, e-signatures, and client-facing workflows.
- Owned the procedure for issuing salary cards to employees of client companies, coordinating payroll, card systems, and client-facing workflows.
- Led and mentored engineers across backend and frontend, establishing engineering practices, review standards, and architecture direction.
- Took over frontend leadership for a year using TypeScript/Vue to unblock delivery and improve full-stack alignment.

Skills: Ruby on Rails · Banking · Fintech · Vue · TypeScript · NestJS · Kubernetes · Agentic engineering

Senior Software Developer — ePayService

Apr 2016 — Sep 2021 · 5 yrs 6 mos

Senior engineer on a European payment platform, working on production payment infrastructure, third-party financial integrations, security-sensitive flows, and PCI-DSS compliant delivery.

- Maintained and extended core payment processing systems across Mastercard, wire transfers, Centrolink, and related financial integrations.
- Worked on high-risk money movement flows where reliability, auditability, and secure handling of financial data were central requirements.
- Supported PCI-DSS compliant engineering practices across payment features, infrastructure changes, and production maintenance.
- Delivered adjacent product and platform work across Elixir/Phoenix, Node.js, and Flutter where needed to support business delivery.

Skills: Ruby on Rails · Fintech · PCI-DSS · Elixir · Node.js · Flutter

Full Stack Web Developer — Freelance

Oct 2012 — Apr 2016 · 3 yrs 7 mos

Built and shipped web platforms across healthcare, advertising, and custom software projects.

- Built one of the largest medical tourism portals for Israel from scratch using Ruby on Rails.
- Developed and launched an ad network from scratch as a solo full-stack developer using PHP.

Skills: Ruby on Rails · React · PostgreSQL · Elasticsearch · Laravel

CTO / Team Lead / Full-Stack Developer — Earlier Experience

2009 — 2013

Built e-commerce, automotive marketplace, advertising, healthcare, and content platforms using Ruby, PHP, and full-stack web technologies. Led small teams, trained engineers, and delivered products from scratch.

Skills: Ruby · PHP · JavaScript

EDUCATION

Bachelor of Computer Science

Tyumen State Oil and Gas University, Russia

LANGUAGES

English — Professional working proficiency

Russian — Native