

EGOR PHILIPPOV

Staff Full Stack Engineer

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ABOUT

13+ years building web-based software. Open-source author (500+ GitHub stars, \$10k+ revenue). Core stack: TypeScript, React, Next.js, Node.js, Electron. Additional experience in React Native, Go, Kotlin, HTMX and Python. Proficient with agentic coding workflows using Cursor, GitHub Copilot and Claude Code.

FEATURED OPEN SOURCE PROJECTS

- Gerbil — Local AI desktop app for running LLMs and image generation via llama.cpp. HuggingFace model search, 469+ GitHub stars, reached Hacker News front page. Built with Electron, TypeScript and React.
- Prism — Self-hosted notification gateway in Go. Routes HTTP notifications to Signal, Telegram or WebPush. ntfy-compatible so existing integrations work unchanged. Companion Android app in Kotlin acts as a Unified-Push distributor.
- Huegasm — Multi-platform IoT app for Philips Hue. \$10k+ revenue across app stores.

PROFESSIONAL EXPERIENCE

Saris AI

Staff Full Stack Engineer

Remote

Feb 2026 – Present

- Built a content-addressed cache for LLM and OCR responses, with single-flight deduplication across Redis and S3. Hit ~20% in production, cutting runtime and redundant inference costs.
- Built a proof-of-concept integrating with Blue Sage LOS to collect mortgage details across different systems which directly helped close a client deal.
- Modernized CI/CD tooling and workflows, enforced linting and type checking across repos.
- Cut Electron app bundle size by 30%+ by untangling dependency chains and eliminating dead code paths.

Panasonic

Staff Full Stack Engineer

Remote

Apr 2020 – Nov 2024

- Founding web engineer for Yohana (yohana.com, app.yohana.com). Selected the stack (Next.js, TypeScript, React, Node.js) and owned architecture from day one through production launch.
- Set engineering standards across the team: strict TypeScript, accessibility requirements, CI/CD via GitHub Actions and TeamCity.
- Built AI research assistants leveraging OpenAI GPT-4o with tool-calling and live Google search integration via SerpAPI for real-time data.
- Created and maintained an internal protobuf type-sharing library, enabling type-safe communication between backend services and frontend applications.
- Built a responsive, cross-client email template system with automated testing and deployment pipeline.

Google
Senior Full Stack Engineer

Remote & Palo Alto, US
Oct 2016 – Apr 2020

- Web app development using Ember.js (JavaScript) and Golang of enterprise applications for Google Nest including enterprise.nest.com, hvac.nest.com and home.nest.com/login
- Frontend development using internal Google framework tooling (JavaScript-based) for store.google.com

Absolute Software
Senior Software Engineer

Vancouver, Canada
Jan 2014 – Oct 2016

- Full stack development of enterprise web applications for remote management of company-owned mobile devices.

OpenBet Technologies
Junior – Intermediate Software Engineer

Burnaby, Canada
Aug 2012 – Jan 2014

- Full stack development of the online casino and sports betting portal for playnow.com.

SAP
Intern Software Engineer

Vancouver, Canada
Sep 2009 – Sep 2010

- Development of installation software for SAP BusinessObjects business intelligence products.

EDUCATION

SIMON FRASER UNIVERSITY
Bachelor of Science in Computing Science

Burnaby, Canada
2008 – 2012