Xenofon Gkioka

Full-Stack Software Developer

Toronto, ON | 437-225-8059 | ksenofwn58@gmail.com | xgbuilds.dev | linkedin.com/in/xenofon-gkioka | github.com/XenofonGk

SUMMARY

Full-stack developer specializing in React and TypeScript. Shipped a micro-frontend to production at Mercell on a platform with 800,000+ users and built B2B e-commerce platforms in PHP/Symfony at Spinworks. Builds WCAG 2.1 AA accessible interfaces and self-hosts production services.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, C#, Python, PHP, SQL, C, C++, Bash
Front end: React, Next.js, Tailwind CSS, NX, Module Federation, micro-frontends, HTML5, CSS3, WCAG 2.1 AA, ARIA
Back end: ASP.NET Core, EF Core, Node.js, Fastify, Symfony, Sanity, REST APIs, PostgreSQL, SQL Server, MySQL
DevOps: Docker, GitHub Actions (CI/CD), Cloudflare, OpenTofu (IaC), Prometheus, Grafana, Linux
Testing: Jest, React Testing Library, Vitest, MSTest, Playwright, axe-core, contract testing, mutation testing
AI and tools: Claude Code, Copilot, LLM APIs (Claude, Gemini, Ollama), Git, Jira

EXPERIENCE

Software Engineer Intern, Mercell | Copenhagen, Denmark — Jun 2026 – Aug 2026

- Shipped the Document Library micro-frontend to production on a European e-procurement platform with 800,000+ users (React, TypeScript, Module Federation, NX).
- Designed a reusable, accessible file-uploader library now used by 3+ product teams, including bid delivery.
- Cut accessibility violations in shared UI components by over 60% and locked the fixes in with React Testing Library and Jest tests.

Web Developer, Freelance and Volunteer, Self-employed | Remote — Jan 2021 – Present

- Built client sites from design to launch: beautybybeautia.com for a Toronto makeup artist (Next.js, Tailwind CSS, Sanity CMS) and azclean.gr (React, Vite, DNS, Google Search indexing, accessible slider).
- Volunteer: built and maintain the WordPress site of Kenyan non-profit WAY Empowerment; rebuilt it in 2026.

Junior Software Developer, Spinworks | Athens, Greece — Aug 2021 – Aug 2022

- Configured and tuned a client's Symfony and OroCommerce B2B platform on a new Docker environment.
- Refactored slow SQL queries on high-traffic storefront pages to reduce load times, and built a Symfony storefront bundle (theme, layouts, email templates).

Campus Coordinator (elected), Seneca Student Federation | Toronto, ON — Feb 2026 – Present

- Represent Newnham students to the Student Federation and administration; help plan the yearly events programme.

PROJECTS

Self-Hosted Production Platform | Docker, Cloudflare Tunnel, OpenTofu, GitHub Actions — xgbuilds.dev/projects

- Operate 2 public services on a home server with zero open inbound ports; the Cloudflare edge is defined in OpenTofu.
- Built a signed supply chain: CI tests, scans and signs each image, and the server verifies the signature before deploying.
- Automated 49 health checks, phone alerting and encrypted nightly offsite backups, with restores tested.

AgentMesh | TypeScript, Next.js, Fastify, PostgreSQL, Docker — github.com/XenofonGk/AgentMesh

- Architected a 14k-line TypeScript control plane (5.8k lines of tests) that runs coding agents on 5 LLM providers; an encrypted vault and proxy keep API keys out of agent containers.

ai-eng | JavaScript, Node.js, Babel, Vitest — github.com/XenofonGk/ai-eng

- Designed a diff-scoped mutation testing tool and its benchmark: on 59 real zod bug fixes, it flagged the changed lines as weakly tested in 27 (45.8%), while zod's own tests caught 0.

TaskManager API | C#, ASP.NET Core, EF Core, PostgreSQL, Docker — tasks.xgbuilds.dev

- Deployed a live REST API with constant-time API key checks and CI contract tests against real PostgreSQL.

aoda-scan | Node.js, Playwright, axe-core — github.com/XenofonGk/aoda-scan

- Built an open-source CLI that crawls a site and grades every page against WCAG 2.1 AA and AODA; 38 tests.

EDUCATION

Ontario College Diploma, Computer Programming (GPA 3.6/4.0), Seneca Polytechnic — 2025 – Apr 2027 (expected)

Technical Diploma, IT and Computer Science, IEK Glyfadas | Athens, Greece — 2016 – 2018