

Anton Shaga

Moncton, Canada | antonyshaga@gmail.com | +1 204 951 6061 | [GitHub](#) | [Linkedin](#)

About Me

Front-end developer with a strong foundation in modern, secure, and high-performance web applications. Transitioned from industrial electrician to IT, independently mastering full-stack tools with focus on modularity and production-ready practices.

Key Skills

Frontend: Next.js 15 (App Router, SSR/SSG/ISR), React 19, TypeScript, Tailwind CSS 4, Framer Motion

Forms & UX: React Hook Form, Zod, i18n, Accessibility (a11y)

Backend: tRPC, Prisma, PostgreSQL, Redis, JWT, Argon2, OAuth 2.0 (PKCE)

Security: 2FA (TOTP, Email OTP), Rate Limiting, Revocation, HttpOnly Cookies, Security Headers

Dev Tools: Git, Vercel, Resend, npm/yarn

Principles: Clean Code, Modularity, Scalability, Lighthouse Optimization

Featured Projects

Modular Authentication System (Fullstack)

[Live Demo](#) | [GitHub](#)

Production-ready full authentication solution with modern security architecture:

- Login/password with Argon2, email verification and rate limiting (Redis)
- 2FA: TOTP (QR codes) and Email OTP
- OAuth via Google (PKCE) and GitHub (state), with secure token exchange
- JWT with refresh tokens, HttpOnly cookie storage, and full session revocation
- Access token auto-refresh with tRPC middleware

Tech: Next.js 15 (App Router), tRPC, Prisma, PostgreSQL, Redis, Resend, otplib, Zod, JWT

Developer Portfolio (Frontend)

[Live Demo](#) | [GitHub](#)

Professional portfolio with perfect Lighthouse scores (100/100/100/100) featuring:

- Multilingual UI (i18n), theme toggle, mobile-first layout
- Secure contact form with Redis-based rate limiting
- Animated and responsive interface

Tech: Next.js 15, React 19, Tailwind CSS 4, TypeScript, Framer Motion, Zod, JWT, Redis, Resend

Education

Self-Taught Developer – Practical and project-based learning:

- Built 2 full-featured projects from scratch
- Deep understanding of modern React stack, state management, authentication, REST/RPC, databases, and security best practices

Previous Work Experience (Before IT)

Field Attendant

Berger Canada — 2024–Present

- Worked in safety-critical, high-responsibility environments
- Maintained strong attention to detail, teamwork, and reliability
- Adapted quickly to new systems and procedures

Construction Electrician (EU Projects)

Various Countries (Germany, Poland, Czech Republic) — 2017–2024

- Participated in international electrical installations (industrial and residential)
- Followed strict engineering and safety standards
- Solved technical problems on-site and coordinated across teams

Industrial Electrician

Ukraine — 2006–2017

- Operated and maintained power systems in industrial facilities
- Prepared repair schemes, documentation, and technical reports
- Worked with SCADA/HMI systems and performed fault diagnostics

Additional Information

- Open to remote work or relocation
- Languages:
 - English: B1-in progress...
 - Ukrainian: Native
 - Russian: Native
- Strong communication and problem-solving skills
- Passionate about security, performance, and clean architecture