

# Marcin Grzmil

Front-End Developer | Full-Stack Experience

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## SUMMARY

Transitioning from Nautical Science Engineering to Front-End Development, I bring over 2 years of e-commerce experience and a disciplined approach to the **React** ecosystem. Specialized in **Next.js** and **TypeScript** with a strong focus on semantic HTML and responsive design. Expanding into full-stack development with **Node.js**, **Express**, **Bun**, **Hono**, **PostgreSQL**, and **Redis**.

## TECHNICAL SKILLS

**Languages:** JavaScript (ES6+), TypeScript, HTML5, CSS3, SASS/SCSS

**Frameworks:** React.js, Next.js, Redux, MobX, Express.js, Hono

**Backend:** Node.js, Bun, REST APIs, SSE, PostgreSQL, Redis, Drizzle ORM, SQL

**Testing:** Jest, Vitest, Puppeteer

**Tools:** Git, GitLab CI/CD, Webpack, Yarn, Docker, Linux/Bash, Biome

**Monitoring:** Kibana, Grafana, Jaeger

**Analytics:** Google Analytics, Bloomreach

**Methodologies:** SAFe, Agile, Scrum, Mobile-First Design, WCAG/Accessibility

## PROFESSIONAL EXPERIENCE

### Middle Front-End Developer

— Wakacje.pl

Sep 2024 – Present

- Work on checkout application within **micro-frontend architecture (Webpack Module Federation)** with **Node.js/Express/Redis Sentinel** backend
- Implement configuration system integrating CMS with **Redis** caching, coordinating with business stakeholders and backend teams to deliver scheduled notification features
- Adapt checkout application to **WCAG** accessibility standards, testing with **NVDA** and **Orca** screen readers, ensuring keyboard navigation compliance
- Contribute to basket functionality backend using **Bun**, **Hono**, **Drizzle ORM** with **SSE** for real-time updates
- Contribute to checkout **WebView** integration with mobile app team, debugging and optimizing for **Android**
- Implement **Google Analytics** data layer and **Bloomreach** analytics for e-commerce tracking
- Develop scalable frontend components using **React**, **Next.js**, and **TypeScript**, ensuring cross-browser compatibility and mobile-first responsiveness
- Write and maintain unit tests using **Jest** and **Vitest**, increasing code coverage and reducing regression bugs impact
- Utilize **Kibana**, **Jaeger** and **Grafana** for log analysis and monitoring to identify and resolve production issues
- Work within **SAFe** framework, participating in PI Planning, cross-team coordination, and code reviews
- Deploy and manage applications in containerized **Kubernetes** environment

### Junior Front-End Developer

— Wakacje.pl

Sep 2023 – Sep 2024

- Release group-trips contact form to production with immediate user adoption, acknowledged by business stakeholders
- Finalize and deploy CMS caching service by debugging HTTP client issues, integrating **Redis**, and implementing **Jaeger** tracing
- Built and maintained features for a major e-commerce travel platform using **React** and **Next.js**
- Integrated **REST APIs** and collaborated with backend teams on **microservices** architecture
- Promoted to Middle Front-End Developer after demonstrating strong technical growth

### Front-End Intern

— Wakacje.pl

Aug 2023

- Develop group-trips contact form using **React Hook Form** and **Yup** validation

### Front-End Intern

— Sii

Apr 2023 – Jul 2023

- Designed and implemented responsive web layouts using **Semantic HTML** and **SASS**, adhering to SEO best practices
- Participated in daily **Scrum** rituals, gaining practical experience in **Agile** workflows and ticket management (**Jira**)
- Practiced layout development, **JavaScript** DOM manipulation, and **React** fundamentals under senior developer supervision

## PROJECTS

### Portfolio Website

- Self-hosted on private VPS with Cloudflare domain, showcasing basic DevOps and infrastructure skills

mgrzmil.dev

### Woof App + Infrastructure

- Full-stack project: React app with custom REST API clone and CDN for image delivery
- App hosted on Firebase, API and CDN self-hosted on VPS using nginx, pm2

woof-app-ff670.web.app

### Technical Blog

- Writing about clean code, refactoring, state management, and software design principles

g-marcin.blogspot.com

## EDUCATION

### Engineer's Degree, Nautical Science

— Gdynia Maritime University

Sep 2014 – Feb 2019

Developed strong analytical skills, resource management capabilities, and strict adherence to safety/stability protocols.

## LANGUAGES

Polish (Native) | English (B2/C1)

I hereby give consent for my personal data included in my application to be processed for the purposes of the recruitment process under the European Parliament's and Council of the European Union Regulation on the Protection of Natural Persons as of 27 April 2016, with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (Data Protection Directive)