

Mateusz Zaremba

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Summary

Full-Stack Engineer specializing in React, Next.js, TypeScript, RESTful APIs and databases. Proven track record working in seed start-ups, scale-ups and profitable corporations. Delivering scalable end-to-end solutions at any stage of company maturity. Passionate about UI/UX/DX, developer tooling, and end-to-end product development.

Experience

Software Engineer

Ascent Platform · Full-time

Sep 2024 – present *Edinburgh, UK | New York, US*

Developing across the full stack:

- Developed a Loan Origination System (LOS) serving 20+ credit unions and banks.
 - **Frontend:** Building responsive user interfaces with React and Next.js, implementing complex UI components from Figma designs and integrating with backend services
 - **Backend:** Developing GraphQL and NestJS APIs handling complex financial data interactions, managing data storage with MongoDB using Mongoose ORM
 - Collaborated with design team to deliver user-friendly interfaces and seamless user experiences
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Front End Developer

Optimove · Full-time

Apr 2024 – Jul 2024 · 4 mos *Dundee, UK | Tel Aviv, IZ*

- Built a CRM dashboard for marketing campaigns using React, Next.js, TypeScript, MobX, and React Query.
 - Integrated AWS services (Lambda, S3) and email functionalities.
 - Wrote tests with Vitest and Jest.
 - Worked in Agile/Scrum and collaborated closely with backend team.
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Software Engineer

asensei · Full-time

May 2020 – Feb 2024 · 3 yrs 10 mos *Edinburgh, UK | San Francisco, CA*

- Launched Angular/Ionic fitness apps with Capacitor, reaching 10,000+ users.
- Created Three.js/RxJS web component with StencilJS, published via semantic release.
- Built GUI tool in Angular/Material, adopted by 8+ team members for daily workflows.
- Developed a custom markup language and Node.js tool, reducing manual dev time by 80%.
- Built VS Code extension to boost developer productivity.
- Migrated projects to Nx with reusable GitHub workflows.
- Created Docker image for Angular app deployment using Node.js and Nginx.
- Collaborated with design and sales teams to deliver high-quality software solutions.
- Mentored 3 junior developers, supporting their growth to mid-level roles.

Key Achievements

- Developed a branding tool that automates SVG logo conversions while supporting manual SVG manipulation, streamlining design workflows.
- Launched two fitness apps reaching 10,000+ users and adopted by major partners.
- Automated developer workflows, saving 80% manual effort across teams.
- Built a cross-platform Custom Web Component using StencilJS, integrating 3D graphics via Three.js with reactive state management powered by RxJS, and published to npm using semantic-release with GitHub Actions.

Education

University of Stirling

Postgraduate Degree, Mathematics and Data Science

2019 – 2020

Abertay University

BSc, Computer Game Applications Development

2015 – 2018

Skills

Frontend React (Next.js, Zustand, MobX, React Query, PostHog Feature Flags), Angular (Ionic), StencilJS, Three.js, Figma, Storybook (Chromatic), Component Libraries (MUI, shadcn), UI Performance Optimization, Accessibility, Internationalization, Authentication & Authorization

Fullstack/Backend NestJS, Node.js, GraphQL (Apollo Server/Client), NoSQL (MongoDB), SQL (PostgreSQL), Apache Kafka, ORMs (Mongoose), AWS (Lambda, S3)

DevOps & Monitoring Docker, Kubernetes, Docker Compose, GitHub Actions, Sentry, PostHog

Testing Vitest, Jest, Cypress, Playwright

Languages TypeScript, JavaScript, Python, C#, C++, C

Honors & Awards

The Data Lab Scholarship

The Data Lab - Innovation Centre

Sep 2020

- Fully funded MSc in Mathematics and Data Science
- £6500 toward tuition
- Professional training with Data Scientists