

Szymon Pulut

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Experience

Microsoft

Frontend Software Engineer II (TypeScript, React)

Remote | Warsaw, Poland

08.2023 – now

- Developing Microsoft's internal monitoring and observability platform

Sumo Logic

Frontend Software Engineer II (TypeScript, React)

Remote | Warsaw, Poland

07.2022 – 08.2023

- Developed Sumo Logic's cloud-native observability platform for large-scale applications utilizing OpenTelemetry, resulting in enhanced monitoring capabilities and improved operational efficiency
- Pioneered Distributed Tracing & Performance Monitoring features – handling 5TB of daily data ingest
- Built data-driven dashboards and charts (RxJS, CanvasJS) to visualize datasets with 1000's of datapoints
- Maintained an open-source Real User Monitoring JS script – tool with one-line-of-code integration empowering other software engineers to easily monitor and optimize web application's performance
- Ensured a high level of code quality with 80% UT/IT coverage (Jest, React Testing Library, Cypress, Playwright)
- Implemented state management techniques optimized for efficiency with data streams (Redux, RxJS, Redux-Observable) enabling smooth handling of 10's simultaneous requests (background data fetching, polling)
- Spearheaded a successful hack-week project that migrated the frontend from Lerna packages to microfrontends using RushJS monorepo and Module Federation and received recognition for this project (1st place award)
- Shared expertise by presenting on "Improving performance of Redux hooks", "Type safety for API responses using zod/io-ts", contributing towards better efficiency and at least 10% reduced test failure rate

Tango Digital Agency

Frontend Team Leader

Frontend Software Engineer (TypeScript, React)

Remote | Cracow, Poland

01.2022 – 07.2022

06.2020 – 07.2022

- Worked in a small team creating web applications and prototypes in newest technologies (3 MVPs, 1 big app)
- Headed a team of 3 frontend engineers developing a B2B coffee marketplace (~1000 active users), including code reviews, enforcing best practices, feature planning, gathering, and negotiating requirements
- Developed and maintained applications with lots of reusable UI features in React, TypeScript, React Query, Next.js
- Used HTML5, CSS3 (incl. flexbox & grid), component libraries (Ant Design, Material-UI) to build an eye-pleasing and accessible user experience, compatible across all modern browsers, and devices (desktop & mobile friendly)
- Planned and implemented integrations with 3rd party systems (e.g., Stripe payment system, Algolia omnisearch)
- Created Docker & Terraform configuration to deploy projects to cloud – AWS (S3, CloudFront, Lambda, EC2), built CI/CD pipelines using CircleCI for new and existing projects – reduced build time by 75%

Education

Jagiellonian University

Computer Science – Bachelor Studies

Cracow, Poland

10.2018 – 06.2021

- Due to personal reasons, dropped out before finishing degree

Others

- Touched on mobile app development (React Native, native iOS & Android), backend development (Node.js)
- As a part of hobbyist coding, programmed Arduino & Raspberry Pi devices connected via MQTT and WebSockets
- Bilingual – native Polish & English. Currently learning German at B1 level