

Szymon Pulut

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Experience

Dropbox

Software Engineer (Operating at IC3 – Senior level)

Remote | Cracow, Poland

02.2024 – now

- Led high-impact initiatives that directly influenced key business metrics, including a ~10% reduction in churn, driving an estimated \$7M in NNARR savings
- Drove experimentation frameworks and data-driven development, collaborating extensively with product, data science teams, and design leveraging cross-functional insights to validate and optimize feature impact
- Joined a tiger team to optimize automated testing processes, taking the lead in integrating improvements into the UI and strengthening testing infrastructure for 10x more efficient synthetic setups
- Expanded backend expertise, successfully implementing critical revenue-impacting backend solutions in Python
- Organized Poland Frontend Meetings, co-led organization of global JS Guild and actively contributed to engineering culture through mentorship and internal knowledge-sharing
- Received multiple awards for exceptional contributions in strategic initiatives, and technical execution
- **Tech stack:** TypeScript, React, Python, gRPC, React Query, Bazel, Jest, Playwright, Growthbook

Microsoft

Software Engineer

Remote | Warsaw, Poland

08.2023 – 02.2024

- Engineered Microsoft's internal monitoring platform used across Microsoft services (Teams, Office, and Skype)
- Co-led the planning (writing design docs & leading discussions), design discussions, and early implementation phases for transitioning internal tools into a publicly available platform, aligning with Microsoft's long-term strategy
- Optimized frontend performance, significantly improving response times and user experiences
- **Tech stack:** TypeScript, React, Node.js, Express, Redux, GraphQL, Chart.js, Jest, React Testing Library, Azure

Sumo Logic

Frontend Software Engineer

Remote | Warsaw, Poland

07.2022 – 08.2023

- Developed cloud-native observability dashboards utilizing OpenTelemetry – handling ~1000 queries per second
- Built data-driven dashboards and charts (RxJS, CanvasJS) to visualize datasets with 1000's of datapoints
- 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 micro-frontends using Rush.js monorepo and Module Federation and received recognition for this project (1st place award)
- **Tech stack:** TypeScript, React, Redux, RxJS, CanvasJS, Jest, React Testing Library, Cypress, Playwright, AWS

Tango Digital Agency

Frontend Software Engineer & Tech Lead

Remote | Cracow, Poland

06.2020 – 07.2022

- Played a pivotal role in a tight-knit team, collaborating on the development of web applications and prototypes, including the successful delivery of 3 MVPs and 1 major application
- Planned and engineered large-scale integrations with 3rd parties (e.g., Stripe payments, Algolia omnisearch), and optimized CI/CD pipelines, reducing build times by 75%
- **Tech stack:** TypeScript, React, React Query, io-ts, Cypress, Next.js, Ant Design, Node.js, AWS

Own projects

IoT Dashboard

Demo: szymonpulut.com/images/iot-dashboard.png

- Designed and launched a full-stack web application to display and interact with a custom smart home system
- Architected a system where the React frontend seamlessly interacts with an on-premise Node.js backend server through GraphQL, utilizing HTTP for queries and WebSockets for subscriptions
- Implemented the Node.js server integrations with external APIs (weather, air quality, Google Calendar) through REST & MQTT broker via WebSockets, enabling messaging queue capabilities and “smart” device control
- Repository: github.com/szymonpulut/IoT-Dashboard

Personal webpage & blog

Live: szymonpulut.com

- Created a minimalistic mobile-first personal webpage with blogging features in TypeScript, React, Next.js (SSG)
- Formed CI/CD pipelines for efficient automatic deployments and linting using GitHub Actions & Pages
- Repository: github.com/szymonpulut/szymonpulut.github.io

Education

Jagiellonian University

Cracow, Poland

Computer Science – Bachelor Studies

- Due to personal reasons, dropped out before finishing degree

Others

- Touched on mobile app development (React Native, native iOS & Android – Swift & Java)
- Programmed Arduino & Raspberry Pi devices connected via MQTT as a part of hobbyist coding
- Learned Scala as an intro to functional programming
- Bilingual – native Polish & English. German at B1 level

GDPR

I agree to the processing of personal data provided in this document for realising the recruitment process pursuant to the Personal Data Protection Act of 10 May 2018 (Journal of Laws 2018, item 1000) and in agreement with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation).