

Ignacy Radliński

Senior Software Engineer • 8+ years of experience

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Professional Experience

Senior Software Engineer • u-blox AG

Zürich, Switzerland • Nov 2023 – Present

- Developing **u-center 2** — a data-intensive desktop application used by both customers and the company's R&D team for aggregation and visualization of data sent by company's GPS receivers
- Working across the development stack, including:
 - React, Redux and RxJS on frontend
 - Electron.js architecture as backend of the desktop app
 - Low-level programming for physical device communication
 - Backend logic and infrastructure for microservices
 - E2E tests of the application
- Heavily focusing on **eliminating performance bottlenecks** for the application to handle thousands of incoming events per second
- Implemented various features from design to production release, such as **log file playback filtering**
- Lead the adoption of **AI as a first-class tool** in the team, setting up AI Agent Skills and instructions adopted by the team
- Lead the initiative to **migrate the team's CI pipeline from on-premise to cloud**, cutting build time from 11 to 4 minutes and eliminating maintenance overhead
- Volunteered to **refactor the end-to-end test suite**, improving reliability and coverage
- Recognized for taking initiatives and **promoted to Senior Software Engineer** in January 2026
- Migrated features from legacy C++ application to the new codebase

Frontend Software Developer • 20 Minuten / TX Group AG

Zürich, Switzerland • Dec 2022 – Nov 2023

- Developed and maintained web application of (among others) **20 Minuten** - one of the most popular news sites in Switzerland
- Worked in React.js, Next.js, Node.js and Typescript
- Designed the setup for **internationalization of the monorepo** of web applications

- Designed and implemented a refactor of thousands of lines of legacy code
- Experimented with **Generative AI for news coverage**, learning to work with AI through APIs and how data quality is critical for AI-generated content
- Volunteered to join Backend Team for 3 months to help meet the deadline of migration of CMS and API

Full-stack Software Engineer • Schibsted Products and Technology AB

Stockholm, Sweden • Oct 2021 – Aug 2022

- Developed and maintained web applications and services for **VG** - one of the most popular news sites in Norway
- Worked with React.js, Node.js, Typescript and AWS
- Primarily responsible for developing front-end of service **minmote.no**
- Served as a buddy during onboarding process of new teammates

Full-stack Software Engineer • Schibsted Tech Polska

Kraków, Poland • Sep 2018 – Sep 2021

- Worked across the technology stack, from client side in React.js to server in Node.js, to infrastructure held on AWS
- Co-developed current shape of **tek.no's** and **gott.no's** web applications
- Collaborated with business stakeholders and designers to translate product requirements into technical solutions
- Served as a buddy of an intern, who later got an offer at the company

Education

Master's in Computer Science

AGH UST Kraków, Poland • 02/2020 – 09/2021

- Thesis topic: **Generating graphics using Neural Networks**
- GPA: **4.54/5.00**

Bachelor's in Computer Science

AGH UST Kraków, Poland • 09/2016 – 01/2020

- Thesis topic: **Distributed optimization algorithm implemented with WebAssembly**
- GPA: **4.46/5.00**
- Obtained **Rector's academic performance scholarship** in the 2018/19 academic year. Awarded to 10% of the students with the highest GPA.

Technology Summary

- **Advanced in:** Javascript and Typescript (Node.js, React.js, Next.js, Electron.js), HTML/CSS, SQL (Postgres)
 - **Familiar with:** Rust, Golang, C++, Java, C, Python, GraphQL
 - **Experienced in:** AWS Cloud, Docker, various CI/CD and App Monitoring services, and AI-assisted development
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Projects

- Acting as **sysadmin** of my self-hosted **homelab** — my biggest ongoing side project, running services in Proxmox and Linux Containers for smart home automation, media streaming, photo archiving, ad-blocking DNS, VPN and tunneling, automated backups, and monitoring
 - Created a **personal website** radlinski.dev that is hosted using Cloudflare Pages
 - Designed in CAD and assembled **custom keyboard** along with its firmware [github/radlinskii/basilisk](https://github.com/radlinskii/basilisk) for ergonomics and efficiency
 - Created **typing test as a CLI program** [github/radlinskii/donkeytype](https://github.com/radlinskii/donkeytype), written in Rust
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Interests

- Homelab development and maintenance
- Building custom ergonomic mechanical keyboards
- Ornithology, hiking, swimming