Adrian Orłów

Software Developer

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Mindset: **Software is a tool, not a goal**

Key successes

I built a product with minimal budget used by +1M unique users yearly.

I've led a successful reimplementation of a product with +10 yrs tech debt.

I designed a standardized tech recruitment process, which has been used in dozens of interviews and internal assesments.

I've been a speaker at many tech and non-tech conferences, incl. Economic Forum Karpacz (+6K guests).

I founded an NGO focused on empowering society with technology, which have reached +7M and engaged +100 people in the last 2 years.

Skills

Programming languages

⭐ **TypeScript** Python JavaScript Go

Frameworks

⭐ **React** NextJS NestJS Express NodeJS Gatsby

Testing

⭐ **Cypress** ⭐ **Jest** React Testing Library

Design

⭐ **Figma** UI/UX Prototyping

Databases

⭐ **MongoDB** MySQL PostgreSQL

Others

Git Scrum REST GraphQL Docker Webpack Pupeeter Jest Tailwind LangChain Jupyter Storybook Airtable Babel Formik Ramda OpenLayers Redux Zustand Vite Webkit Webkit

Soft skills

⭐ **Leadership** Management Product analytics Adaptiveness Product vision Cooperation High ownership Autonomy

Human languages

Polish – native English – advanced

Front-end
+5 years experience

Product
+3 years experience

Experience and effects

Appunite | Senior Front-end Team Leader

E-commerce browser extension
- Built and launched a browser extension MVP that automatically identifies superior offers on top hotel booking platforms, using a scalable, QA-driven selector framework to guarantee flawless user experience.
- Led business development conversations with client partners, aligning technical solutions with commercial goals and partner requirements.

`Webkit` `QA` `Software architecture`

Administrative panel for payroll management
- Worked on architectural decisions and guidelines in the context of product implementation.
- Prepared analysis and strategy for the approach to its implementation. Given the very tight deadline, I actively worked with the team and managers to make the best decisions from a time and value perspective.
- Solved domain-specific problems that required some tough decisions to get around.
- Actively moved between business and technical contexts to effectively achieve the product's business goal.

`React` `Next.js` `Zustand` `Time management`

E-commerce of the biggest social media platform for anglers in the United States
- Responsible for application development, refactoring, managing tech debt and conducting expert calls with stakeholders
- I developed changes to automate business processes and increase sales. I efficiently managed the extensive technology debt taken during the creation of the MVP. With the help of small changes, I created a big impact, including automation and complex analytical research. I have also worked on major changes, including the implementation of a new shopping cart - from the mapping of user paths, to the in-depth analysis of possible solutions, to the final implementation.

`React` `Next.js` `GraphQL` `Jest` `Cypress`

`Tailwind` `React Testing Library`

Web-based tool designed for exploring, analyzing, and organizing molecular networks
- I led a team of 3 people and delivered a complex web platform from scratch
- I was responsible for the concept of the state management architecture in the application, developer guidelines, as well as the implementation of key functionalities such as a system for presenting complex data on different maps.
- The product was based on a 10-year old application, so I carefully broke down and analysed each functionality. In addition, I conducted workshops with the client to ensure a consistent understanding of the product vision.
- I provided complex technical documentation of the application describing both its main functionalities and detailed use of minor ones.
- The project was highly complex on the state management side and required agile management of budget and short delivery schedule. I managed the salary and self-development expectations of team members.

`Leadership` `Project management` `React` `Next.js`

`Redux` `REST` `OpenLayers` `Tailwind` `Jest`

`</> Open Source Code`

Project for streamlining communication with AI
- At the company we were aware that forced reading of large chunks of information can be counterproductive, so I've created a summarization tool which was able to shorten all documents in a simple and accessible way. It extracts the most relevant parts of the documents and then summarizes it into a few sentences, which are posted as a message on company's global chat.
- The AI-based summarization tool was a significant step in improving the company's communication strategies. The tool successfully allowed relevant and concise information to be more accessible to employees, increasing productivity and enabling them to easily remain informed about company decisions.

`Python` `AI` `GPT-3` `LangChain`

`Process automation`

`</> Open Source Code`

Experience and effects

MAY 2022 – MAY 2023

Media Scope Group | Advisor

Consulting services regarding product development, design and deployment for international clients (China, South Korea, Estonia, Switzerland) of the Estonian marketing agency
- Determining business requirements and advising on development solutions
- Working with a client from Switzerland, I advised on technical solutions, approaches to software testing and building the right user experience. I also collaborated on an in-depth study of the expectations of a venture capital client from South Korea.

JUNE 2022 – DECEMBER 2022

RestaurantClub | Lead Front-end Developer

E-commerce application for one of the biggest Polish FoodTech companies
- Introduced modern development guidelines and code architecture, delivered technology solutions in React and mentored juniors and interns in the team, helping them grow in the industry.
- I delivered an MVP of the app within the required time enabling business to expand rapidly. The main challenge of the project was how quickly the functionality could be proven, which was done by properly implementing scrum methodologies.

`React` `Next.js` `GraphQL` `Styled Components`

AUGUST 2020 – JUNE 2022

Vitresoft | Front-end Developer

E-commerce in the Entertainment industry
- Implemented front-end solutions in React and NextJS, including developing modern development guidelines and code architecture of the application.
- As part of the project, I focused on optimising the e-commerce interface, as the site had to be prepared for very large peaks of users. Thanks to proper optimisation, up to tens of thousands of people could use the site at any one time.

`React` `Next.js` `Redux` `REST`

JUNE 2018 – AUGUST 2020

Freelancer | Front-end Developer

- Completed a range of freelance assignments, taking full ownership of project lifecycle—from requirements gathering and UI/UX design to front-end development and release.
- Collaborated directly with stakeholders, translating business needs into intuitive user interfaces and shipping high-quality solutions.

Non-commercial experience

MAY 2023 – PRESENT 🔗 **GI.ORG.PL**

Generacja Innowacja, Founder

- Established Fundacja Generacja Innowacja as a legal entity focused on building socially responsible technology,
- Managing product vision creation and implementation process,
- Handling partner and customer relations
- Developing innovative solutions for the NGO sector,
- Leading a team of people developing social technological solutions,
- Built one of the most popular political awarness platforms in Poland (+2.8M unique users total)

`Leadership` `Management` `Cooperation`

myPolitics
- Created the most popular Polish youth medium in the pandemic and a political education platform,
- Developed IT solutions for the media and AdTech industry,
- Implemented work automation solutions, including full content generation and management,
- Managed product development from A to Z (front-end, back-end, design, algorithms),
- Led a team of developers and journalists, implementing holacracy methodology,
- Designed branding and implemented the majority of the project's tech solutions.

`React` `Next.js` `Formik` `UI/UX`
`Product vision` `Styled Components`

Echo Generacji
- Co-founder of a consortium of the most active youth NGOs,
- Designed the project's application design and implemented it as a modern web application,
- Prepared the processes of consortium management, cooperation strategy and managed joining of new organizations.

`React` `Tailwind` `Vercel` `UI/UX`

`</> Open Source Code`

Case studies of my private commercial and non-commercial projects are available on my website: **orlow.me**

Publications and speeches

OCTOBER 2024 @ Gen Z on the labour market

Generation Z: aliens or young people with their own history

FEBRUARY 2024

The end of software developers

AUGUST 2023

Estimations done right: Proper Ways To Estimate

OCTOBER 2022

Does Mark Zuckerberg know your password?

MARCH 2022

Aggregation and automation of press content publishing

JUNE 2020

What is the P vs. NP problem?

JUNE 2020

,[>.]< - a thing about merciless minimalism

Publications are available on my personal blog: orlow.me/blog

Speeches

MAY 2025 @ Kozminski University

Career planning in the age of AI

MAY 2025 @ SGH Warsaw School of Economics

Between mission and algorithm

APRIL 2025 @ Warsaw IT Days

How to build a product with a team of volunteers?

NOVEMBER 2024 @ EduCon Szczecin

The role of AI in the workplace and school

MARCH 2024 @ Future Leaders Gorzów Wlkp.

How to fight AI-generated fake news?

FEBRUARY 2024 @ Warsaw Enterprise Institute

What world are young people leading us to?

SEPTEMBER 2023 @ NASK Science

How to verify content on the Internet?

SEPTEMBER 2023 @ Economic Forum Karpacz

Internet of the future

SEPTEMBER 2023 @ Economic Congress Regeneracja

How AI shape our jobs?

SEPTEMBER 2023 @ Coopernicus Podcast

New media vs Gen Z

In a nutshell

- **Entrepreneurial frontend developer combining deep tech with product vision.**

- **Experienced in building user-centered digital products from idea to execution.**

- **Skilled in connecting tech, design, and business goals to deliver tangible impact.**

- **Active public speaker and thought leader in tech innovation.**

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