

Software Engineer
Piotr Żaczek, 9 Years of Experience

[LinkedIn](#)
github.com/inukares
piotrzaczek@proton.me
<https://medium.com/@piotrzaczek>
www.whiteboardai.org

Tech Stack: TypeScript, NextJS, Python, Supabase, React, Go, NodeJS, Redux, D3, Playwright, REST, WebSockets, Tailwind, GraphQL, Apollo, React-Native, Webpack, AWS (S3, SNS, SQS, EC2), PostgreSQL, ESLint, i18n, gRPC, microservices, Stripe, AI: LLMs (Anthropic, OpenAI, Google Gemini, Groq), Voice-AI (Vapi, Retell, Pipecat), AI-Agents, pipelines (n8n, make.com), RAG

CEO ([WhiteboardAI](#), Nov 2024 – Present, Remote)

Tech: NextJS, Supabase, Vapi, React (with Server Components), TypeScript, NodeJS, REST, Tailwind, S3, Postgres, Biome, Cloudflare, Strip, LLMs (Anthropic, AI), n8n, TanStack

- Single handedly built AI SaaS aiming to help companies with technical hiring by **reducing hiring time by 50%**, getting comprehensive **interview reports** and fully featured CRM for managing the pipeline
- Created well-received in engineering community [AI interviewing platform](#), helping candidates reach their full potential in open-ended technical discussions and interviewers, get clear view of candidate's strengths and weaknesses.
- Self-developed catalogue of AI-agents to handling live-interview, post-interview analysis and data-accuracy improvements (hallucinations reductions)

Senior Software Engineer ([Argent](#), Jul 2024 - Nov 2024, Remote)

Tech: NextJS, Viem, GraphQL, React (with Server Components), TypeScript, NodeJS, REST, Tailwind, Jotai, Starknet, Solidity, Smart contracts, Cairo, Zod, Playwright, Jest, CI&CD, Docker, Google Analytics, TanStack

- Spearheaded initiative to integrate **SEO performance monitoring** into CI/CD pipeline, collaborating with team to implement merge policies that safeguarded key metrics
- Improved storybook by adding snapshots, helping us **catch regressions** in instant manner thanks to CI&CD reports.
- Added range of optimizations and improvements to [portfolio](#), such as rich **assets visualizations**, lazy-loading dependencies, **bundle-size reports** allowing us to save on cloud costs as well as gain better **SEO metrics**.
- Created [wallet dApp](#) using **starknet-react** to connect to an account and **safely** manage its settings

Senior Software Engineer ([Avid](#) Dec 2022 - Jan 2024)

Tech: NextJS, React, TypeScript, NodeJS, REST, Tailwind, Redux, Playwright, Jest, Docker, Nginx

- Proposed and **implemented faster and more reliable** solution for testing complex client-facing product. Achieved **6x times faster** execution time with **less** flakiness
- Added versatile and fast e2e testing with playwright. Safeguarded whole user onboarding experience, which **prevented page-wide outage**
- Upgraded legacy technologies which **sped up client-facing** part of application **by 60%**, while also speeding up local environment setup **by over 40%**.
- Set up Docker environment, linting on git-commit and **CI&CD pipeline**. Generated test reports on each merge request, granting us exceptional development workflow.
- Tested multiple **AI tools** to speed up code-writing process and suggested using [cursor.sh](#). Achieved **~40% faster development speed** while keeping up to security standards.
- Designed, prototyped, and delivered crucial module to orchestrate users before deadline.

Senior Frontend Engineer (kraken.com Jul 2020 - May 2022, Remote)

Tech: NextJS, React, TypeScript, GraphQL, NodeJS, REST, Tailwind, Redux, Playwright, Jest, Docker, Ethers, Go, D3, gRPC

- Improved [portfolio](#)'s page stickiness by over **3x** and amount of DAU by **4x** by designing and implementing **heatmap** and **donut** components, which became part of landing page.
- Initiated and created POC for engineering-wide automated testing initiative that reduced regressions by **40%** by running an end-to-end test on each PR and deployment.
- Proposed improved data flow between client and **APIs via GraphQL**, which helped us reduce loading times by **60%** and as a result generate revenue and growth. This led to forming a new team that took on this initiative.
- Proposed, designed, and **implemented** feedback module which allowed us to iterate quickly on modules that depended on flaky data sources.
- Onboarded 2 new team members. Streamlined the whole process, cutting down time to first commit to **2 days** from average of week and a half.

Lead Frontend Engineer ([State Street Bank](#), Dec 2018 – Jun 2020, Gdansk - Poland)

Tech: NextJS, React, TypeScript, GraphQL, NodeJS, REST, Tailwind, Redux, Jest, React-testing-library

- Created **RPA** management software that allowed to schedule repeatable tasks **3 months** before the initially expected deadline.
- Introduced **TDD**, **pair programming**, and **BDD**, which **significantly** reduced **regressions** and amount of bugs.
- Introduced 'refactoring weeks' bi-annually, which allowed developers to commit to their ideas and initiatives of choice. This initiative helped us delete over **3000 lines** of redundant code, increase performance and code quality.

Software Engineer ([voxsmart.com](#), Aug 2018 – Nov 2018, London), Full Stack developer ([myTamarin.com](#), May 2018 – Aug 2018), Full Stack Developer ([sekwencja.eu](#), Jul 2016 – May 2018)

Tech: S3, SQS, SNS, EC2, Postgres, React, TypeScript, GraphQL, NodeJS, REST, Redux, Jest, React-testing-library, React-Native

- Carried out migration to microservices based architecture using AWS's stack – S3, SNS, SQS, EC2.
- Improved platform's uptime from **97.5%** to **99.3%** and scaled it to tolerate **10x throughput**.
- Created an algorithm matching nannies to families.
- Developed CRM application. Sliced operational costs by **over 20%** with [automated scrapper](#).

Education, Tech talks

- Studied Computer Science at Lodz University of Technology
- Presented "[Functional programming paradigm depicted with JavaScript programming language](#)" at the National Science Conference titled "Science and young researchers" organized by [promovendi](#).

Side projects

- Orderbook component written in React and tested using Jest. <https://github.com/lnukares/Orderbook>