

JACK TOMASZEWSKI

Full-stack Software Engineer

14 years of experience in front-end and back-end web development.
Ambitious and communicative. Good mentor and tech lead.

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Skills

- Back-end: Elixir, Ruby, node.js, SQL databases, in-memory databases (Redis, Memcached), Elasticsearch, RabbitMQ, microservice and event-based architectures. Designed and maintained several web app backends with ~100k LoC.
- Front-end: JavaScript, TypeScript, React (with Hooks), Angular, Redux, next.js. Led dozens of front-end codebases, i.e. big SPAs with ~50k LoC.
- DevOps: configured and maintained web servers through AWS CDK, AWS CloudFormation, Ansible, Docker, Chef, SSH. Knowledge of whole AWS stack and experienced in configuring it.
- Attentive to UI/UX details and high code quality. Fan of unit tests, functional programming, typed interfaces, and DDD.
- Can help in or take over: project management, estimation and ownership, tech recruitment, client negotiations.
- Used to participate in algorithm programming competitions.
- Open to evolving in: Java, Python, Go, Kubernetes, and many else.

Experience

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| <div>AILO</div> <div>Apr 2020 - Jul 2021</div> <div>ailo.io</div> | Senior Software Engineer
Helped build an Australian property management and fintech platform that helps 100k+ property managers, landlords and renters work better, together. <ul style="list-style-type: none">• Worked on back-end (node.js micro-service architecture with a GraphQL federated gateway), front-end (TypeScript, React, React Native) and DevOps (created CLI tool for deployment of Ailo micro-services to Kubernetes on AWS cloud).• Helped with system design, took active part in recruitment, established many code standards, and done a lot of mentoring. |
| <div>INTENT</div> <div>Feb 2020 - Apr 2020</div> <div>withintent.com</div> | Lead Software Engineer
Built a web platform for collaboration between doctors and patients. <ul style="list-style-type: none">• Coordinated work of front-end and back-end dev teams. Closely worked with the project manager and the product owners.• Designed the system architecture and bootstrapped both front-end and back-end codebases. Managed DevOps (set up a HIPAA-compliant stack with AWS CDK and the CI/CD pipeline). Led most of the engineering decisions throughout the project. |

APPUNITE

Oct 2018 - Aug 2019

appunite.com**Senior Software Engineer**

Led development of a new front-end for one of the biggest American companies in the hospitality and entertainment industry.

- Bootstrapped, developed and led most of the decisions throughout the project. Configured the CI/CD pipeline.
- Helped recruit, onboard and mentor new team members, both in Poland and the US.
- Convinced the upper management to let the team use best available tools (e.g. TypeScript, React with Hooks, automatic accessibility/visual/unit tests).
- Actively helped manage, estimate and scope out the project.

RECRUTEER

Sep 2017 - Jun 2018

recruitee.com**Senior Software Engineer**

Worked on a SaaS ATS platform that helps recruiters manage their job offers and candidates.

- Led and coordinated the front-end team to move the front-end stack from AngularJS to Angular 2, TypeScript, Webpack, RxJS and Redux.
- Helped migrate the back-end (written in Elixir and Phoenix) from a monolith to separate umbrella apps based on an event-driven architecture.
- Developed and released a cross-platform mobile app. (in Ionic Framework for both Android and iOS)

TRIPSOMNIA

Jan 2016 - Sep 2017

tripsomnia.com**Lead Software Engineer**

Built an entire SaaS and marketplace platform, that allows to book and manage tourist tours and attractions all over the world.

- Created and launched a marketplace (in Ruby on Rails) allowing end-customers to browse tourist tours, their schedules and prices, and book them online under the Tripsomnia/Partner/Agent's branding.
- Created and launched a large Single Page Application (in React and Redux) that allows Partners to manage their offers, pricings, orders, customers and agents.
- Implemented custom JS widgets, that Partners can put on their own website in order to advertise and sell their tours directly.
- Helped raise an investment from outside VCs.

FESTBLAST

Jan 2014 - Dec 2015

festblast.com**Lead Software Engineer**

Built and maintained a social platform, that lets users easily find the best music fests, organize their trip and personalize their festival experience.

- Created a responsive front-end web app. (in Ruby on Rails and AngularJS)
- Created a cross-platform mobile app. (in Ionic Framework for Android and iOS).
- Developed unit and end-to-end tests for both front-end and back-end.
- Wrote automatic synchronizations with remote APIs, that e.g. parse user's friendships, favourite music artists and festivals from multiple services. (e.g. Facebook, LastFM, Spotify)
- Developed a full-text search using Elasticsearch, with various filters and a custom suggestion system based on the user's own personal music taste.
- Maintained automatic horizontal scaling of the web servers' infrastructure using Chef.

FREELANCE

Aug 2005 - Aug 2017

jtom.me**Full-stack Software Engineer**

- Created multiple web applications, participating in the whole process of their development: product design and estimation, code design and development, DevOps, UI/UX design, product launch and maintenance. (jtom.me/portfolio)
- Mentored several developers and teams.
- Co-organized several tech meetups and conferences (e.g. [Meet.js Summit](#), [PolyConf](#), [ng-poznan](#), [AKAI](#)).
- Gave copious [tech talks](#). (On many local meetups, both locally and abroad; and also on a biggest Polish front-end conference, [Meet.js Summit](#), twice.)
- As a part of the team, gained awards in several hackatons and startup contests. (Poznan Startup Weekend 2012, Startup Poznan 2014, Poznan Startup Sprint)

Education

POZNAN UNIVERSITY OF
TECHNOLOGY
2012 - 2015 (unfinished)
put.poznan.pl

Computer Science

- Served as a president of [AKAI](#), a students' research circle focused on organizing workshops and lectures about web development.
- Co-created the new main public website of [Poznan University of Technology](#).

Other perks

- Good public speaker. (Long-time member of an english-speaking Toastmasters club.)
- Knowledge of algorithms and data structures. (Gained awards in Polish Olympiads in Informatics.)
- Speaks native Polish, fluent English, conversational Spanish and basic Russian.
- In his free time, likes to [blog](#), dance, travel, and play tennis and volleyball.