

JACK TOMASZEWSKI

Full-stack Software Engineer

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EDUCATION

Bachelor's degree

From September 2012 to September 2015

POZNAN UNIVERSITY OF TECHNOLOGY, Poland

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](#).

WORK EXPERIENCE

AILO

Since April 2020

Senior Software Engineer, US

Helped build an Australian property management and fintech platform that helps 100k+ property managers, landlords and renters work better, together.

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.

Lead Software Engineer

From February 2020 to April 2020

INTENT,

Built a web platform for collaboration between doctors and patients.

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.

Senior Software Engineer

From October 2018 to August 2019

APPUNITE,

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.

Senior Software Engineer

From September 2017 to July 2018

RECRUITEE,

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)

Lead Software Engineer

From January 2016 to September 2017

TRIPSOMNIA,

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.

WORK EXPERIENCE

Lead Software Engineer

From January 2014 to December 2015

FESTBLAST,

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.

Full-stack Software Engineer

From August 2005 to August 2017

FREELANCE,

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)

SKILLS

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.

INTERESTS

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