Alexey Taktarov

WEB ENGINEERING CONSULTANT / FOUNDER

Copenhagen / Denmark, Open to new opportunities ◦ a@ubik.sh

LINKS

Personal Website

GitHub

Speaker Deck

Codepen

SKILLS

Leadership & Product Management

Software Design and Architecture

Public Speaking, Teaching

User Experience Advocacy

OSS Development

FE: React, Node, Deno, Rails, Svelte, Web3

UI Design / Animations: Figma, Sketch, D3, react-spring, Framer Motion

BE/Infra: Postgres, ClickHouse, Docker, AWS, Ansible, Nginx, Edge Runtimes, Serverless

Web Performance & Security

PROFESSIONAL SUMMARY

I am a perfectionist full-stack web engineer and former founder with over 12 years of experience. In 2021, the product that I co-created and developed, resume.io, was successfully acquired.

I am an empathetic engineering leader, conference speaker, mentor and an open-source maintainer.

MSc in Applied Math and Computer Science (2014).

EMPLOYMENT HISTORY

Co-Founder, Head of Engineering at resume.io / Talent Inc.

June 2016 — September 2022

Co-founded resume.io — an online platform for job seekers; the leading CV builder app with over 35M resumes built and 30k+ registrations per day. The company was **acquired by Talent Inc. in 2021**. This resume was also built using resume.io.

Designed the entire architecture of the product. Tech used: *Rails, Sidekiq, React, Redux Saga, AWS, Serverless, Stripe, Paddle, Python*. Built with scalability in mind, it currently handles over 500 RPS. Key achievements:

- assembled the entire engineering department; contributed to the dev culture through code-reviews, implementing product-based approach (e.g. engineers had ownership of A/B tests and business metrics) and mentoring;
- Introduced and developed critical internal tools including a CMS, payment management system, helpdesk integration and an admin panel for launching localised websites (e.g. cvster.nl and 24 other domains).
- built a highly-available billing system: integrated 4 payment providers that handle thousands of payments every day;
- passed the technical due diligence and various security audits;
- proposed organizational structure (>40 employees) for future growth following the company's acquisition.

Design Engineer / Product Designer at Shogun, Remote

2017 — 2018

Worked as first hired engineer at a startup and redesigned their website builder app, Shogun, funded by YC, Accel, Insight Partners.

As part of this project, I created a unified component library in Sketch and helped upgrade the front-end of the app to the latest stack: *React*, *Redux*, *styled-components*, and *Webpack*.

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Lead Full-Stack Engineer at Smartomato

February 2014 — May 2016

I maintained the technical stack of a food delivery startup. The platform powers over 200 online delivery businesses and processes more than 20,000 orders daily.

I led the development of the platform, which includes three Ember SPAs and a Rails back-end. I also introduced and developed a UI Kit in Ember.js, which helped to reduce the time to market.

Tech stack: *Ember.js / Ember.Data, Ruby on Rails, PhoneGap / Cordova* and *React.Native*.

Co-Founder / Developer at Ficus.io

2014 — 2018

Ficus was an app for creating online slides with real-time polls and instant feedback from the audience. Initially a hackathon project.

Although my first attempt to launch a startup with friends failed, I gained valuable experience that will be crucial for my future career.

- I mastered presentation skills by creating **pitch decks**, conducting market research, and calculating business models. I was responsible for presenting these materials to VCs and accelerators.
- I designed and developed most of the real-time widgets, including polls (built with *D3* and *React*) and the presentation rating screen using *Canvas API*.
- Our team won the first prize at the hackathon and received **funding from a local accelerator and Microsoft**.

2010 — 2013

Developer at the university laboratory (2010-2013); web developer at a digital design agency (2013). Tech stack: *C/C++, Boost, Qt, Python, Node.js, IDA disassembler*.

OPEN-SOURCE INITIATIVES / PERSONAL PROJECTS

Wouter: 1KB React Router

2019 — Present

A tiny library for React and Preact with 4k+ stars on GitHub. Designed specifically to be as tiny as possible while providing a minimalist API based on React hooks.

Stateful Animations in React

December 2016 — March 2018

An interactive presentation I made for my HolyJS talk in 2018. The talk explores principles of making fluid and stateful animations in React.