

# Michał Miąskowski

Software Developer - React, JavaScript, Node.js, TypeScript

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## BIO

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I am a software developer with 4 years of commercial experience. 3 years in JavaScript, TypeScript, and React.

I thrive in a collaborative environment - helping others both in terms of delivering high-quality code and sharing knowledge and experience.

Ex-biotech engineer, who switched careers at 27 years old. Self-taught, with remote work experience. Contributes to open-source software.

## SKILLS

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Languages: JavaScript, TypeScript

Technologies/tools: Node.js, ReactJS, Git, MobX, Webpack, Docker, Tailwind CSS, Cypress, Playwright, microservices, PostgreSQL, GraphQL, Jest/react-testing-library, HTML/CSS, Storybook

## EXPERIENCE

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### Stoplight.io (a SmartBear Company)

Austin, TX-based startup ([Series A funding](#)) that offers a collaborative API design platform. Stoplight is a part of the OpenAPI Initiative (OAI) and, alongside its platform, created 3 open-source products: [Prism](#), [Spectral](#), and [Elements](#), built around the OpenAPI Specification (OAS). I joined Stoplight around the time it was ~30-35 people in size, since then it doubled its employee count. Stoplight had a successful exit in August 2023 - it was acquired by SmartBear Software.

#### Software Engineer II (January 2022 - October 2023)

- Worked on a collaborative style guides editor for [Spectral](#) (an open-source library used by Adidas, Azure, DigitalOcean, RedHat, and more) using data structures provided by the YJS library. Developed both front-end and back-end parts - created React components, implemented an endpoint for importing and validating project files, and implemented JSON-based forms using an in-house UI kit.
- Enhanced the Stripe integration to support new pricing plans, diverse member categories, and free trial offerings; expanded the user data model to accommodate evolving business needs; refactored and modularized Stripe wrapper functions, ensuring compatibility with the updated user data model and promoting reusability; implemented a seamless transition to a new pricing model for existing customers, complemented by the introduction of a user-friendly customer portal; implemented mechanisms to manage and enforce user limits effectively.
- Occasionally running standups and sprint retro sessions.

Used: ReactJS, Typescript, GraphQL, MobX, Moleculer, YJS, Webpack, Stripe API, PostgreSQL

#### Software Engineer I (January 2021 - January 2022)

- [Created](#) React components for Try It (Interactive API Console) component of open-source project [Elements](#) - library for generating API documentation from Open API files. Multiple contributions in other parts of the library.
- Elements is supported i.e. in [Kong's Dev Portal](#), Stoplight's Dev Portal, and Studio, and has Laravel (PHP framework) [integration](#).
- Laid the foundation for lockfile maintenance that [strengthened the Elements CI pipeline](#).

Used: ReactJS, JS, Typescript, Jest, Tailwind, CircleCI, Jotai, Storybook

## QA Engineer (December 2019 - January 2021)

- Manual testing, automation testing, reviewing PRs.
- Tests written back then are still a part of the existing CI pipeline and standing the test of time.

Used: TestRail, Cypress, Jest

## EDUCATION

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### Master's Degree, Biotechnology (in partnership with Polpharma Biologics) (2016 - 2017)

In a partnership between the Gdańsk University of Technology and Polpharma Biologics, I wrote a Master's thesis that served as a foundation for one of the analytical methods later used in Polpharma Biologics. Due to the signed NDA, I cannot disclose the title or subject of that thesis.

### Bachelor of Science, Biotechnology (2011 - 2016)

#### Before software engineering

### Technical Sales Representative, Symbios sp. z o.o. (August 2018 - February 2020)

- B2B sales, active acquisition of new clients and building long-term relationships, customer service.
- Advising on technical and product-related issues.
- Training new employees (2 juniors).

### Freelance videographer (August 2017 - September 2018)

- Mostly wedding videography, one commercial for children's events organizer.

### Mass Spectrometry Team Assistant, Polpharma Biologics (November 2017 - April 2018)

- Performing SEC-UPLC analysis for the presence of aggregates in analyzed protein samples of a monoclonal antibody-based drug as a part of proving its biosimilarity. Supporting analysts in mass spectrometry analysis: preparing samples for analysis based on SOPs, and preparing mobile phases.
- As a backup for the Biological Properties Analytics Team: performing routine ELISA assays, qPCR, and assays for the presence of HCP and Protein A.
- Documentation preparation (instruction manuals for laboratory equipment, daily documentation of performed analysis, placing orders for reagents and equipment for Mass Spectrometry Team, method qualification protocols and reports) according to GDP and internal regulations.

## PUBLICATIONS

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 [Changing career to IT - a live Q&A hosted by ex-biotech engineer](#) - hosting Q&A session for 11Sigma

 [Deep dive into Yarn.lock usage and dependencies maintenance](#) - top performing article on the company blog

 [Approaches I Took While Learning Web Dev From Scratch](#) - a guide to learning web development basics

### GALLUP STRENGTHS

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Strategic  
Futuristic  
Significance  
Communication  
Competition

### INTERESTS

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Music Theory  
Psychology  
Finances  
Biotechnology/molecular biology  
Video editing