

# Andrew Kowalczyk

## Full Stack Software Engineer

8+ years of startup, design agency, and freelance experience building performant full stack web applications. Seasoned experience within the financial technology sector (reporting, budgeting, payroll, and accounting) as well as within sectors of physical security and ERPs. Experience working with distributed teams, as well as teams of all sizes. Passion for the front end with back end experience to match.

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## Work Experience

### Full Stack Software Engineer

Freelance / Self-Employed [↗](#)

April 2020 - Present

- Developed and deployed a loan management application built with React.js / Material Design
- Improved security and extended functionality of an existing REST API by wrapping it with Apollo GraphQL
- Integrated LaunchDarkly with an application for feature flag management and A/B testing
- Implemented new UI / UX from designer mock ups, e.g., collapsible sidebar, modal interactions, responsive layouts, reusable components, etc.
- Migrated a Python / Flask application to React.js / Ant Design to launch an MVP for a fast deadline
- Integrated Algolia's React InstantSearch with a design framework for performant customized components
- Integrated a front end and back end application with Auth0 for a custom authentication experience

### Full Stack Software Engineer

PayFit Inc., Paris, France [↗](#)

January 2018 - October 2019

- Helped create an engine responsible for parsing and interpreting PayFit's own proprietary language JetLang which describes complex financial language like social laws and collective agreements
- Created a React.js application used internally to create the definitions mentioned above
- Became the technical owner of the interpreter of said proprietary language
- Developed an API agnostic data-fetching module used in multiple environments (browser, node, etc.)
- Enforced better coding practices through linting and augmenting code coverage throughout various codebases
- Reduced number of bugs and customer success tickets by revamping client facing Excel exports
- Improved sprint velocity and simplified developer workflows by reducing pipeline build times and improving configurability of builds

### Front End Software Engineer II

OpenGov Inc., Redwood City, CA [↗](#)

July 2014 - November 2016

- Acted as ScrumMaster throughout 4 quarters, ensuring success of scrums by resolving blockers and keeping the scrum aligned
- Migrated the production database from MySQL to PostgreSQL
- Developed and deployed an internal analytics site to give insight as to how often and when entities on our platform were using our products using Keen.io, Salesforce, and Google Analytics as sources
- Enabled entities on the OpenGov platform by developing an application that gave them fine-tuned control over how they present their entire financial structure, outwards to citizens and as well well as internally
- Developed an application which allows local governments on the OpenGov platform to find similar entities based on various metrics (proximity, population, revenue, etc.)
- Developed an application which gives local governments the ability to configure their public transparency sites (reports, attached documents, etc.)

## Skills & Technologies

JavaScript TypeScript React.js Node.js HTML CSS SASS GraphQL PostgreSQL Redux Next.js  
Jest Material Design Ant Design Bulma npm/yarn CircleCI git JIRA GitHub BitBucket

## Education

### Bachelor of Science in Computer Science

Loyola Marymount University (LMU), Los Angeles, CA [🔗](#)

September 2010 - May 2014

## Awards

### Eagle Scout

Boy Scouts of America

April 2010

### Outstanding Lower Division Award

LMU, Computer Science

April 2011

### Dean's List

LMU

Fall 2012, Spring 2013, Fall 2013

## Certificates

### Certified ScrumMaster

Scrum Alliance

July 2015 - July 2017

### commercetools Associate JavaScript Developer

commercetools

March 2022 - March 2024

## Spoken Languages

### English

Native

### French

Professional

### Polish

Advanced

### Spanish

Conversational