

James McDonell

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EXPERIENCE

Senior Frontend Engineer

October 2022 – Present

Appcues

Remote

- Built beta of new in-app experiments feature using React, Styled Components, GraphQL and TypeScript
- Worked with product manager, designer, data scientist to design and implement our statistical methodology and calculations
- Contributed unit-tested features and bug fixes to legacy codebase using including React, Redux, Redux-Saga, React Testing Library
- Collaborated with designers to define and build accessible and reusable components for our in-house design system, including detailed documentation with Storybook

Senior Frontend Engineer

June 2021 – September 2022

TailorSoft (working with inTakt)

Remote

- Responsible for technical management of project and development team, including system architecture decisions, writing and assigning issues on GitHub, reviewing pull requests
- Rewrote custom client-side schedule logic using TypeScript to significantly enhance schedule functionality and fulfill various client feature requests
- Introduced continuous integration testing via GitHub Actions and the Firebase Emulator, using Cypress for critical user flows and Jest for unit testing of complex logic

Frontend Engineer

March 2020 – May 2021

TailorSoft (working with inTakt)

Remote

- Created complex React components for uploading images and pdfs and allowing customers to draw work areas (using SVG) which are updated interactively
- Implemented Google Cloud Functions (Node.js and TypeScript) to handle user invitation emails, invited user sign-up, changes in subscription status, data backup and export to Google BigQuery for project analytics

Web Developer

January 2019 – February 2020

TailorSoft (working with Ngin)

Medellin, Colombia

- Integrated Ngin's enterprise resource planning (ERP) software with other ecommerce platforms (e.g., Shopify, Magento, Returnly, Return Magic)
- Integrated ERP with fulfillment centres using EDI (Electronic Data Interchange) and CSV documents over SFTP
- Used Groovy to develop core ERP features such as consuming / producing new file types, new admin screens, generating new reports
- Provided SRE support: Investigating and fixing time-sensitive bugs in production using SQL, regex, bash scripting to automate updating values in the database or batch running services. Improving services and processes in codebase to prevent and alert to errors

Web Developer

October 2018 – December 2018

TailorSoft (working with RidgeCrest Herbals)

Medellin, Colombia

- Rewrote site front-end using Bootstrap and Vue.js to make website responsive
- Improved design and functionality of various pages, including store checkout process, using Vue.js and Moqui (open-source Java based ERP)

Analyst, Customer Data and Analytics

May 2017 – June 2018

National Australia Bank

Melbourne, Australia

- Used SQL, R and Microsoft Excel to provide insights into the performance of the bank's marketing programs, using customer and sales data stored in a wide variety of new and legacy databases

EDUCATION

University of Adelaide

Adelaide, South Australia

Honours Degree of Bachelor of Economics (First Class)

2015

University of Adelaide

Adelaide, South Australia

Bachelor of Economics

2009 – 2014

EAFIT University

Medellin, Colombia

Bachelor of Economics (Academic Exchange)

2011