

Daniel Agostinho

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Experience

Software Developer

GEOTAB • Apr 2021 - Present • Oakville, Canada

- Worked closely with UX designers and product owners to implement large public-facing features in Angular while following Figma mockups
- Implemented a component schematic CLI tool to reduce time to bootstrap new components by pre configuring templated HTML, and setting up required routes and services
- Fixed massive performance problems reducing minutes down to seconds by optimizing SQL queries
- Experience with on-call, manual deployments, triaging server performance issues, and investigating server downtimes using memory dumps and PerfViews
- Hosted design discussions regarding new technologies, bad code practices within the application and used the opportunity to improve overall knowledge of the department
- Mentored and spent time teaching and helping new developers
- Using C#, .NET Core, Angular, RxJS, TypeScript, PowerShell, Bash, and Docker.

Test Automation Developer I

Intact Financial Corporation • Oct 2019 - Mar 2021 • Toronto, Canada

- Worked with development team and QA analysts to create automated test scripts and suites to identify, diagnose and report potentially disastrous system errors for a large-scale insurance application
- Used React.js to develop a reporting dashboard to provide management with a consolidated view of performance and regression results, increasing the visibility of defects, reducing the time required to fix them, resulting in faster feature development
- Was solely responsible for the execution and maintenance of the regression suite for Intact's legacy application
- Mentored newly-hired automation developer, identifying opportunities for growth and actively taught skills that would enable them to effectively contribute to rapidly growing test automation framework

Data Warehouse Developer / Analyst

McMaster University Technology Services • May 2017 - May 2018 • Toronto, Canada

- Designed and implemented data extraction and transformation processes to support a large-scale university application
- Developed web-tools to enhance the student experience (currently used by over 30,000 users)
- Generated reports and queries in response to business requirements

Education

Bachelor Engineering (Co-op) | Software

McMaster University
2014-2019

Hackathons

YHacks

Yale University
Nov 2018

Hack the 6ix

University of Toronto
Aug 2019

DeltaHacks

McMaster University
Jan 2018

Skills

Front End

Angular 12
React.js
React Native
Javascript (ES6)
Sass (CSS3)
HTML5
Android SDK

Back End

PostgreSQL
C#
Node.js
Python
Java

Testing

Jest
Selenium
Cypress

Other

Git
SVN
Jenkins
Bash

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Projects

Maison

Personal Portfolio Project

- Led the development for a cross-platform mobile application that facilitates payment splitting between roommates
- Improves upon similar apps by allowing users to effortlessly keep track of recurring transactions and automatically settling up debts between multiple housemates
- Collaborated with a UX Designer to provide an intuitive, seamless experience to increase user satisfaction

Skills Used: React Native, MongoDB, Node.js, RESTful API

Trigo Bakery

Freelance Client

- Designed and implemented a website for a small Portuguese bakery to increase brand recognition, resulting in a 10% increase in sales revenue
- The website supplemented a social media marketing campaign in an effort to target a younger demographic

Skills Used: React.js, Node.js, SASS, HTML5

Jiphy

Freelance Client

- Developed a full stack gif display website which includes an infinite scroller and a theatre view for a freelance client
- Collaborated with a designer to build accurate implementations that followed a Figma mockup

Skills Used: React.js, Redux, Node.js, SASS, HTML5, PostgreSQL, C#

Dan Kim Films

Freelance Client

- Designed and implemented a professional portfolio website for a local videographer, including custom built components to showcase their best work.

Skills Used: React.js, SASS, HTML5

Timetable to Google Calendar Web Application

McMaster University Technology Services

- Was the sole developer for a new feature used by over 30,000 students that allowed them to synchronize their class timetable with their personal Google Calendars

Skills Used: React.js, Google Cloud Platform API, SQL, Java, PeopleCode, HTML5, CSS3

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