

Matt Mawson

APPLICATION ENGINEER

Skills

HTML	TypeScript	ReactJS
Angular	Sass	AWS
JavaScript	Git	SQL
CSS	Java	Spring

Projects

BRI BRI'S KITCHEN

August 2022 - Present

Developing website for publishing recipes using ReactJS, Java with Spring Boot, and MySQL

PERSONAL / E-COMMERCE WEBSITE

December 2021 - March 2022

Coded application to showcase my client's culinary series using Angular, Java with Spring Boot, and MySQL

GOOGLE SEARCH CLONE

April 2021

Utilized parallel processing to build end-to-end search engine for Wikipedia articles using Flask and ReactJS

INSTA485

February 2021

Constructed a client-side dynamic Instagram clone to incorporate infinite scroll and double-tap likes using Flask, ReactJS, and SQLite3

Contact

 matt-mawson.netlify.app
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Education

UNIVERSITY OF MICHIGAN

ANN ARBOR, MICHIGAN

2017-2021

- Bachelor of Science in Industrial & Operations Engineering
- Minor in Computer Science
- Graduated Cum Laude
- Dean's List: Fall 2020, Winter 2021

Work Experience

APPLICATION ENGINEER

Vanguard | Malvern, PA

July 2022 - Present

- Building Angular / NodeJS app to reduce time spent on frequent development tasks by 90%
- Rewriting the Portfolio Management Tool using Java with Spring and various AWS services, increasing reliability by 40%

ASSOCIATE SR. APP DEVELOPER

Union Pacific | Omaha, NE

May 2022 - June 2022

- Created a UI that allowed customers to customize and automate equipment reports, utilizing various Angular Material components, Angular forms, and AG-Grid

JUNIOR APPLICATION DEVELOPER

Union Pacific | Omaha, NE

June 2021 - April 2022

- Developed user interfaces with Angular and AG-Grid to aid in root cause analysis, enabling CC&S to resolve Shipment Management Application issues 50% faster
- Altered Spring Boot microservices to obtain data from new data stores, reducing UI inaccuracies by 20%

INFORMATION TECHNOLOGY INTERN

Union Pacific | Omaha, NE

May 2020 - August 2020

- Reconstructed the Utility Contract System using Java with Spring, Angular, and SQL
- Wrote unit tests with JUnit and Mockito, ensuring a code coverage rate of 90%
- Improved UI aesthetics and data clarity, reducing processing time by up to 3 days