

Matthew Fox

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EXPERIENCE

SPINS LLC., Chicago — Software Engineer

April 2020 - Present

- Helped convert two Spring Boot projects with extensive Rest APIs from Java to Kotlin. Also converted one of the Rest APIs to GraphQL to make querying advantageous for users
- Worked on an application utilizing Spring Boot and React, which catalogs product data of various distributors and retailers
- Worked on a microservice that stores images in Google Cloud Storage in correlation to certain products represented in the project above (2nd bullet pt)
- Worked on a project to develop a small API that allows the company to bulk edit auth0 metadata for internal/external users
- Utilized Agile sprint standups and retrospectives to increase development velocity
- Used Domain Driven Development for integration tests using Cucumber
- Familiar with Test Driven Development using Jest/Enzyme, RTL for frontend unit tests

FIS, Milwaukee — Programmer Analyst Intern

June 2019 - August 2019

- Converted a internal Visual Basic app into a ASP.NET MVC web app
- Was able to demo every two weeks to stakeholders for feedback
- App provided multiple services related to product, client and distributor information for banks
- Converted app because the stakeholders (sales and devs in department) wanted to access it more easily, and the original app was filled with errors and bugs that would cause performance issues
- Reverse engineered original app through analyzing VB code and using SQL Tracer to migrate business logic
- Stakeholders were able to use the converted application which has better UI design and efficiency

UW-Milwaukee, Wauwatosa — Undergraduate Research

June 2018 - May 2019

- Developed software for a biomedical engineer lab researching subjects with mobility impairments
- Produced a report generator that outputted pdfs which graphically represented lab data, used C# and Matlab. Used by lab manager to discuss data with fellow researchers

SKILLS

- React
- Spring Boot
- Testing Libraries (Jest, Enzyme, JUnit, Cucumber)
- OOP/ Functional Programming
- REST/ GraphQL
- DevOps Tools (Git, Concourse, GCP)

LANGUAGES

- Java
- Kotlin
- Javascript
- HTML & CSS
- MySQL/Postgres
- Python

EDUCATION

UW-Milwaukee, Milwaukee, WI — Computer Science

September 2016 - December 2019

Computer Science

GPA: 3.6

PROJECTS

Budget Tracker — Python (Flask), React Native

Current side project with a Rest Api utilizing Flask and a mobile frontend with React Native. This project's creation was inspired due to the time consuming work of tracking my spendings and savings through excel sheets. Processes CSV file data from my online banking into an easily digestible android app.

