

# Jared Black

Software Engineer

## WORK EXPERIENCE

- **General Motors Company** Austin, TX  
Full-Stack Software Engineer Nov 2020-Present
  - Build backend features for critical Java Spring microservices that provide APIs for managing customer data used by 70+ apps across GM
  - Build frontend features for the My Account platform using Angular and Typescript
  - Write SQL scripts for data changes to Postgres and Oracle databases
  - Maintain 80% unit test coverage using JUnit for Java and Jasmine for Angular
  - Write and deploy scalable code that can handle millions of requests per day
  - Configure and maintain DevOps pipelines in Azure and Pivotal Cloud Foundry
  - Implemented frontend and backend for multifactor-authentication feature
  - Built internal email test automation package in Java for use by QA engineers
  - Led testing team and built automated test pipelines using Java Selenium
  - Maintained test plans to ensure code quality for customer-facing web applications
- **Protiviti, Inc.** Salt Lake City, UT  
IT Consultant Jan-Oct 2020
  - Identified IT risks and worked with clients to develop mitigation strategies
  - Created detailed audit documentation to support conclusions on operating effectiveness of process controls
  - Built Power BI dashboard to inform client management teams of audit progress
- **Melaleuca, Inc.** Idaho Falls, ID  
Business Intelligence Intern May-Aug 2019
  - Enabled efficient troubleshooting of critical monthly batch processes by using SQL to analyze logs and flag problems on a real-time Power BI dashboard
  - Created SQL stored procedures to automate 11 processes saving one hour of manual time each week
- **Jon M. Huntsman School of Business** Logan, UT  
Undergraduate Teaching Fellow, Big Data Analytics Aug 2018-May 2019
  - Taught regression analysis, neural networks, and data visualization techniques to 42 students each semester

## PROJECTS

- **SourdoughSaaS.com**
  - Technologies: Python, Django, React, JavaScript, React Bootstrap, AWS, Postgres
  - SaaS starter app with landing page, pricing, account management, subscriptions, Google login, email service using Amazon SES
- **Finmako.com**
  - Technologies: Python, Django, Bulma, JavaScript, Postgres, Render, Cloudflare
  - Investment back-tester to calculate and display charts of historical performance for any stock purchased over a given period using the dollar cost average strategy
  - Financial calculators and tools to assist with investment decisions
- **Mobilize Fitness**
  - Technologies: React Native, JavaScript
  - Mobile app to promote joint health and mobility

## EDUCATION

- **Utah State University | Jon M. Huntsman School of Business** Logan, UT  
BS Management Information Systems, Finance, Economics Dec 2019  
GPA: 3.91/4.00

## CONTACT

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jaredblackjcb.github.io

linkedin.com/in/jaredcblack

## SKILLS

### Languages

Java, Python, SQL,  
JavaScript, TypeScript

### Frameworks & Libraries

Spring, Django, React,  
Angular, React Native,  
Selenium, Bootstrap

### Tools & Platforms

Postgres, Oracle, Git,  
AWS, Render

### Industry Knowledge

Scalability, DevOps, Agile,  
Test Automation

## OTHER

Fluent in Spanish

Blue Belt in Brazilian Jiu  
Jitsu