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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linkedin.com/in/jaredcblack

SKILLS

Languages
- Java
- Python
- SQL
- JavaScript
- TypeScript

Frameworks
- Spring
- Django
- React
- Angular
- React Native
- Selenium

Industry Knowledge
- Scalability
- DevOps
- Agile
- Test Automation

OTHER

- Fluent in Spanish
- Blue Belt in Brazilian Jiu Jitsu