

CALEB MILLER

Bay City, MI · crmiller128@gmail.com · (989) 397-5884 · linkedin.com/in/crmiller128

SKILLS

Languages: Java, JavaScript, Kotlin, SQL
Developer Tools: Bitbucket, Datadog, Dynatrace, Git, Gradle, IntelliJ, Jira, Maven, VS Code
CI/CD Tools: Bamboo, GitLab, Jenkins
Technologies: Docker, Linux, MacOS, Node.js, RabbitMQ, React, Spring Boot, Tomcat
Databases: MongoDB, Oracle, PostgreSQL
Engineering: System Design, Technical Writing, Test-driven Development (TDD)
Certifications: Amazon Web Services (AWS) Certified Developer - Associate

EXPERIENCE

Michigan State University

Software Engineer

Remote

July 2023 - Present

- Develop new features for the Kuali Research Administration full-stack web application using Java, Spring, JavaScript, and Oracle.
- Implement a real-time process to import Conflict of Interest (COI) data from the Kuali COI application into the Kuali Research system using Java, Spring, RabbitMQ, Node.js, and MongoDB.
- Design and develop RESTful APIs using Java, Spring, and MuleSoft API Gateway.

USAA Federal Savings Bank

Software Engineer

Remote

May 2022 - July 2023

- Developed a RESTful microservice for processing and retrieving loan payment plan data using Java and Spring Boot.
- Designed and implemented a library for thread-safe handling of data contextual to HTTP requests using Java and Spring.
- Developed a Spring Batch application for aggregating and transmitting member loan data to an automated dialer system.
- Developed a RESTful microservice in Go for automating the setup of member and loan account test data for use in integration testing.

O'Reilly Auto Parts

Software Engineer

Remote

Jan 2018 - Jan 2022

- Led the development of a web-app built on Apache Guacamole and Vaadin that is used to facilitate remote point-of-sale sessions between corporate and store team members.
- Led the design and development of a web-app to manage web application configuration data across a fleet of geographically distributed servers using Kotlin and Vaadin.
- Led the development of a project to migrate an IBM iSeries reporting system to a new system built on Java, JavaFX, Spring, and PostgreSQL.
- Designed and developed RESTful APIs using Java and Spring Boot.

Ford Motor Company

Software Engineer

Dearborn, MI

Jun 2015 - Jan 2018

- Created a RESTful microservice for app-based payments using Java, Spring Boot, and Extreme Programming (XP) techniques.
- Implemented an Android application in Kotlin to showcase and evaluate the RESTful payment microservice.
- Enhanced functionality in a full-stack credit analysis web application for assessing auto loan applications using Java, PrimeFaces, Hibernate, and Spring Boot.

EDUCATION

Georgia Institute of Technology

MS Computer Science

Aug 2015 - Aug 2020

Saginaw Valley State University

BS Computer Science

Aug 2012 - May 2015