
Evan Coleman

Software Engineer

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SKILLS

Java, Spring Boot, API development, Cross-team organization and collaboration

Work Experience

TATA Consultancy Services (Client: State Farm) - *Software Engineer* | August '19 - Current

- API developer using Spring Boot apps (Java) deployed on Pivotal Cloud Foundry.
- Full-Stack development at a large scale (~50 Million Insurance Policies).
 - Spring Boot Apps designed to handle large volumes of API calls per hour during business hours.
- Manage, modify, and monitor 13 microservices that integrate with other services and Guidewire.
 - Services are used throughout the organization, so API is documented through separate swagger projects, wiki pages, and tracked through Gitlab with semantic versioning.
 - YAML driven pipelines run code style, testing, and security analysis.
- Give training sessions on the Guidewire stack to people new to the software.
- Mentor developers on best coding practices to conform to State Farm and industry standards.
- Monitor service logs during cross-team mock migration sessions to ensure stability at load before release.

Farm Bureau Insurance - *Software Engineer* | March '18 - August '19

- Full-Stack (Guidewire) development with Java, SQL, and the DSL Gosu.
- Created new integration with 3rd party API for auto policies
 - Data came from state DMV records which took overnight to be prepared, so retry until ready logic was implemented.
- Software developed using modern practices such as: Agile (SAFe) with high-throughput in 2 week sprints and regular presentation to stakeholders, test driven development (TDD), code reviews, pair programming, and version control software (SVN).
- Refactored UI test framework to decrease test run-time from 12+ hours to 4 hours using smart waits and dockerized containers.
- Increased build release velocity by writing automated UI tests in Java Selenium WebDriver.

Projects

Full Stack Website (MERN Stack) - <http://www.solarizepocatello.com/>

Cross-Platform Mobile App (Xamarin) - <https://github.com/Evan-Coleman/Weigh>

EDUCATION

Washington State University - *Bachelors* | 2017

Computer Science, German