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# Evan Coleman

## Software Engineer

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## SKILLS

Javascript, Java, C#, SQL, GIT, SVN, Hibernate, Xamarin, React, .NET, APIs

## Work Experience

### **Idaho Farm Bureau Insurance** - *Software Engineer* | March '18 - Current

- Full-Stack (Guidewire) development with Java, SQL, and the DSL Gosu.
- Created new integration with 3rd party API for auto policies which prevents premium leakage by early warning of bad drivers. This saves the business millions yearly through better risk-analysis and a cheaper service compared to the old provider.
  - Integration hits a restful API with XML formatted requests/responses.
  - Data comes from state DMV records which can take 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.
  - Refactor also increased dev testing throughput by automating repetitive tasks (e.g., All page object methods are now location agnostic, so devs no longer have to manually navigate). This allows developers to focus on new functionality instead of fighting with the framework.
- Increased build release velocity by writing automated UI tests in Java Selenium WebDriver.

## Projects

### **Full Stack Website (MERN Stack)** - <http://www.solarizepocatello.org/> (4/17/19 GO-LIVE)

- Closed-Source website for local non-profit *Solarize Pocatello* done on a volunteer basis.
- Tech: React, SASS css preprocessor, express, mongoDB, headless CMS Strapi.
- Layout is fully responsive with both desktop and mobile use-cases in mind.
- With the use of the Strapi CMS, the Solarize Pocatello group will be able to keep their clients updated on the latest news and information on their latest projects without the need for code-changes.

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

- Open-Source Weight loss app. Released to Google Play Store February 2018.
  - <https://play.google.com/store/apps/details?id=com.fatdogapps.weigh>
- Tech: C#, Xamarin, localizable text, SQLite database, form data validation, MVVM design pattern.
- Ability to easily release to both IOS and the Windows store.

## EDUCATION

### **Washington State University, Pullman, WA** - *Bachelors* | 2017

Computer Science, German