

MITCHELL IRVIN

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SKILLS

Proficient - Agile, AngularJS, Git, HTML/CSS, JavaScript

Intermediate - Automated testing, Java, Node.js, Pivotal Cloud Foundry (PCF), Spring Boot, SQL

Exposure to - Amazon Web Services (AWS), C++, Concourse CI/CD, Python, ReactJS

EXPERIENCE

Software Engineer - The Home Depot, Inc. February 2017 - Present

- Designed, architected, and engineered a web application for approximately 200 end users. Built in AngularJS, served by Node.js, utilizing Protractor and Karma for automated e2e and unit testing. Leveraged Concourse for CI/CD and hosted on a cloud platform (PCF).
- Constructed a set of RESTful microservices with Spring Boot (Java/JPA) to interface with a DB2 backend. Took advantage of junit for automated unit testing. Used Jenkins for CI/CD and hosted on a cloud platform (PCF).
- Assumed an Agile team lead role in the absence of a Product Owner and UX Designer. Fulfilled responsibilities including: facilitating retrospectives, leading IPMs, ensuring rotating pair programming, coordinating user testing sessions, and practicing user centered design.
- Developed technical leadership skills by designing and implementing enterprise quality architectures for web applications and the APIs that served them. Practiced robust monitoring and performance testing with AppDynamics, Google Analytics, and JMeter.

Software Development Intern - The Home Depot, Inc. May 2016 - August 2016

- Lead design and development of the Investor Relations web application, built with AngularJS and Bootstrap, to recreate and modernize their shareholder management system.
- Designed and implemented a RESTful API with Spring (Java/JPA) to handle data manipulation out of a MariaDB (MySQL) backend.

PROJECTS

Mitch Reacts - ReactJS, AWS github.com/mitchellirvin/mitch-reacts

- Independently studied ReactJS and associated tools to build a web application that integrates with the GitHub API and demonstrates responsive design. Hosted on a cloud platform (AWS).

Script-Driven Card Generator - Software Design Only

- Worked in a team of six to design software that allowed the user to run a script, generating unique graphical representations of playing cards.
- Design was centered on effective use of appropriate Design Patterns (Iterator, Composite, Visitor, and others).

Design Pattern Catalog - Java github.com/mitchellirvin/design-patterns

- Wrote implementations of the majority of the core Design Patterns in Java to demonstrate and better understand their power in object oriented programming.

EDUCATION

Computer Engineering (Software), Bachelor of Science

University of Florida, Gainesville, FL