

# Colby M. White

Austin, TX  
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## Overview

Detail-oriented polyglot engineer striving toward using six years of experience to produce sustainable code that does not take significant effort to maintain. Looking to help a team create well-tested code that enables it to achieve long-term plans. Seeking opportunities that promote learning new technologies in order to keep expanding personal knowledge base.

## Technologies

- Worked on several RESTful back-end applications across a multitude of frameworks, including Ruby on Rails, Java's JAX-RS, and Python's Django.
- Written front-end code for various web apps using different JavaScript frameworks, including Angular, Ext.js, and requirejs.
- Implemented user interface designs for embedded system using Qt and QML.
- Familiar with solving problems in SaaS environments and microservice-based architectures.
- Created multiple continuous integration and continuous deployment systems from scratch via tools such as Jenkins, Bamboo, and Codeship.
- Coordinated build process for various projects using an assortment languages and frameworks such as Ant, Gradle, Rake, and Maven.
- Deployed applications to various types of environments using tools such as Docker, Chef, and CloudFormation.
- Familiar with scripting in different languages, including Ruby, Python, Groovy, and Bash

## Experience

### Whole Foods Market

*DevOps Contractor*

### Austin, Texas

*May 2016 - present*

- Led efforts to move DevOps team to an automated workflow in order to increase the frequency of code deployments.
- Helped research and implement moving the team's technology stack toward a Chef-based and infrastructure-as-code philosophy.
- Oversaw the rollout and deployments of company's new *365 By Whole Foods* website, ensuring the site's uptime met company standards.

### Open Austin

*Collaborator*

### Austin, Texas

*July 2016 - present*

- Worked with the official Austin brigade for Code for America to help complete projects.
- Led project to compile police bookings in Harris County into an easily searchable database format.

### Spanning Backup by EMC

*Senior Software Engineer*

### Austin, Texas

*Sept. 2015 - May 2016*

- Contributed features as a senior member of the development team for company's Google Apps Backup product
- Built out infrastructure for system tests to enable automated testing of product features that interact with multiple third-party services and APIs
- Diagnosed and corrected UI performance issues in order to scale the product for large, enterprise customers
- Created reusable chef recipes for a developer-focused Vagrant machine to help encourage and enforce similarities between team's multiple environments

### CA Technologies

*Software Engineer*

### Austin, Texas

*Mar. 2014 - Sept. 2015*

- Led team in porting existing enterprise applications to company's custom SaaS platform offering
- Worked as part of a team tasked with releasing near-greenfield security product to market
- Developed infrastructure and libraries for UI integration testing on the SaaS platform
- Facilitated workflow between designers and developers across several teams in order to turn UI designs into code efficiently
- Coordinated REST-driven interaction among various dynamically scaled components
- Created custom tool to ease the development and application of database migrations across environments
- Created localized VM environments to encourage rapid, iterative development and adoption across teams
- Worked with multiple teams in the company to promote and establish proper testing strategies
- Spearheaded efforts to standardize continuous integration of applications using the SaaS platform via Jenkins
- Built several custom Gradle and Rake plugins to help developer teams quickly deploy applications
- Created Rake-based build scripts to assemble security product that used multiple languages and frameworks

*Information valid as of Aug. 2016*

# Experience *(continued)*

## Allure Energy

*Software Developer*

**Austin, Texas**

*Nov. 2010 - Mar. 2014*

- Led team in creating back-end for company's EverSense product, a Wi-Fi touchscreen thermostat with proximity control and an honoree for the 2014 CES Innovations Award
- Implemented DBus-powered messaging schema for sending commands between front-end and back-end code
- Created XMPP messaging schemas to facilitate communication between thermostat and mobile devices
- Used OSGi platform for deployment of Java software to allow for dynamic removal and inclusion of different modules
- Built HTTP-based APIs to facilitate the coordination and communication between multiple devices in order to sync data ranging from registration to weather forecasts
- Created company's policies and procedures on using Ant to package and deploy software
- Worked closely with design team to transition animated screens from concept art to functioning code
- Created an infrastructure from scratch for GUI to allow both users and remote clients to navigate through screens
- Built in-house libraries for common GUI elements in order to promote consistency among screen designs
- Developed design team's concepts for an admin web UI used for monitoring deployed units
- Helped overhaul company's website adding dynamic press releases and a store front to a previously static site

# Education

## Bachelor of Science in Computer Science

*University of Texas at Austin*

*May 2012*

## Bachelor of Journalism

*University of Texas at Austin*

*Aug. 2010*

*Information valid as of Aug. 2016*