Colby M. White

Texas, United States
http://sustainabledev.io
colby.white@sustainabledev.io

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 remote-first team create well-tested code that enables it to achieve long-term plans. Seeking opportunities that value getting the job done right with as little debt as possible.

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
- Familiar with navigating promise chains and writing application using Node.js
- Written front-end code for various web apps using different JavaScript frameworks, including Angular, Ext.js, and requirejs
- Familiar with solving problems in multiple style of architectures, including SaaS, microservice, and serverless environments

- 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 — Austin, Texas
DevOps Contractor — *May 2016 - present*

- Steered 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
- Helped the rollout and deployments of company's new *365 By Whole Foods* website, providing operations support to product when required

Open Austin — Austin, Texas
Collaborator — *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
- Provided feedback and input for group projects

Spanning Backup by EMC — Austin, Texas
Senior Software Engineer — *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 Node.js 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 — Austin, Texas
Software Engineer — *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

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 Sep. 2016