

Colby M. White



Engineering leader with more than a decade of experience in developing and delivering software solutions. Proficient in multiple programming languages including JavaScript/TypeScript, Python, Ruby and Java. Proven track record of leading cross-functional teams and an advocate for engineering practices that put the customer first. Adept at translating business requirements into technical solutions and driving innovation within the organization.

Links

📍 Austin, Texas 📧 colbywhite.dev 🌐 [colbywhite](https://colbywhite.com) 🔄 [colbywhite](https://colbywhite.com)

Work Experience

DEC 2021 - PRESENT

Staff Software Engineer

[Fractal Software](#) · Remote

- Fractal is a venture studio creating vertical SaaS companies.
- Worked with the portfolio's CTOs in order to coach and advise companies on effectively creating software and teams from scratch.
- Created architecture best practices that served the basis of the portfolio's startup products.
- Led workshops on architecture design, interviewing, domain modeling, and other topics relevant to early-stage startups.
- Worked with several companies to simplify processes in order to maximize velocity.

MAY 2017 - NOV 2021

Principal Software Engineer

[Blackbaud](#) · Austin, TX

- Led team tasked with integrating legacy fundraising product with Facebook Fundraisers in increase adoption
- Created tool for customer wealth calculations that heavily leveraged Kafka for asynchronous processing
- Led front-end team for latest donation form product aimed at allowing users to customize look and feel of forms
- Prompted the formation of a company UI Guild in order to spread UI best practices among teams in multiple locations
- Led cross-team presentations to educate Austin's previously back-end teams on UI development and testing
- Led non-engineering team in efforts to modernize cross-product strategies for help content
- Served as engineering contact with external departments for the presentation and deployment of help content

MAY 2016 - MAY 2017

Contract Senior Software Engineer

Independent Contractor

- Completed work for different companies: Whole Foods (Austin), Nike (Portland) and Xferall (Austin)
- Worked on different types of projects, including front-end, back-end and DevOps tasks
- Used common Java frameworks (Spring, Guice, JAX-RS) in order to quickly build web-based microservices
- Maintained a ReactJS-based web application while prototyping a React Native mobile app

SEP 2015 - MAY 2016

Senior Software Engineer

[Spanning Cloud Apps](#) · Austin, TX

- Contributed features as a senior member of the development team for company's Google Apps Backup product

- Created Chef recipes to help enforce consistency between the team's multiple environments, including local developer-focused Vagrant machines and production stacks
- Diagnosed and corrected front-end performance issues in order to scale SaaS application for large, enterprise customers

MAR 2014 - SEP 2015

Software Developer

[CA Technologies](#) · Austin, TX

- Developed infrastructure and libraries for browser-based Selenium testing of a SaaS application
- Coordinated REST-driven interaction between dynamically scaled microservices of different languages (Java and JavaScript)
- Created Vagrant-based environments to encapsulate dependencies and encourage rapid, iterative development
- Built several custom Gradle and Rake plugins to put project's deployment procedures into code

NOV 2010 - MAR 2014

Software Developer

[Allure Energy, Inc.](#) · Austin, TX

- Built RESTful APIs to facilitate communication between multiple types of devices in order to sync several types of data
- Used OSGI platform for deployment of Java software to allow for dynamic removal and inclusion of different modules
- Created XMPP messaging schemas to facilitate communication between thermostat and mobile devices
- Implemented user interface designs via Qt on an embedded device
- Developed in-house admin application leveraging the Django framework

Education

2010 - 2012

Computer Science · Bachelor of Science (BS)

[The University of Texas at Austin](#)

2006 - 2010

Journalism · Bachelor of Arts (BA)

[The University of Texas at Austin](#)

Skills

Front-end

JavaScript, TypeScript, HTML, CSS, Angular, 11ty, Jasmine, Redwood, Next.js, Vite, Remix, 11ty, Gatsby, Prisma, TailwindCSS

Back-end

Java, Spring, Gradle, Ruby, Ruby on Rails, rspec, Rake, Python, Django, Node.js, PostgreSQL, Supabase

DevOps

AWS, Azure DevOps, Docker, Netlify, Vercel, Render, JamStack, CI/CD, Jenkins, TravisCI

Project Management

SCRUM, Lean Startup

Projects

[Power Schedules](#)

A work-in-progress project to highlight which sporting events are worth viewing.

[Acoustic Stack](#)

A minimalist stack for Remix.

[tailwind-color-inverter](#)

A utility to invert TailwindCSS colors to auto generate colors for a dark theme.

[Harris County Booking Data Gathering](#)

An Open Austin serverless project that accumulates the booking information published in Harris County's daily JIMS 1058 reports into a search-friendly format. The intent is to aide non-profit organizations looking to do data research across time spans greater than a day.

[aws-cf-monitor](#)

A wrapper around the AWS CloudFormation Node.js API that monitors the progress of the CloudFormation commands while providing smart logging. The intent is to remove a lot of boiler-plate code to poll the progress of a stack.