Colby White

Austin, TX • linkedin.com/in/colbywhite • colbywhite.dev/about

Professional Software Engineer

Principal full-stack engineer with more than a decade of experience building web applications across a wide range of frameworks and languages—including JavaScript/TypeScript, React, Remix, Next.js, Ruby on Rails, Django, and Spring. Skilled in designing scalable architectures, collaborating with cross-functional teams, and delivering products from prototype to production. Equally comfortable in early-stage startups and mature tech organizations, working closely with engineering, product, and design to ship high-quality software.

SKILLS

- **Languages:** Bash, CSS, HTML, Java, JavaScript, Node.js, Python, Ruby, SQL, TypeScript
- **Libraries:** Chakra UI, Cypress, GraphQL, Guice, Jasmine, Jest, JUnit, Material UI, Maven, Mocha, npm, Playwright, pnpm, Prisma, Rake, React Testing Library, RSpec, Sass, Selenium, shadcn/ui, Styled Components, Tailwind, TypeORM, Vite, Webpack, Yarn
- **Frameworks:** 11ty, Astro, AWS, Azure, CloudFlare, Django, Express, GCP, Gradle, NestJS, Next.js, ReactJS, React Native, RedwoodJS, Ruby on Rails, Spring
- **Services / Tools:** Auth0, Clerk, DynamoDB, Figma, Firebase, Headless CMS, Jira, MongoDB, MySQL, New Relic, PostgresSQL, Redis, Sanity, SQLite, Strapi, Supabase
- **Infrastructure:** AWS, Chef, Circle CI, Cloudflare, Docker, GitHub Actions, Jenkins, Kafka, Kubernetes, Netlify, Render, Terraform, Travis CI, Vagrant, Vercel

WORK EXPERIENCE

Cloudflare **Nov 2025 - Present**
Senior Systems Engineer • Full-time **Austin, TX**

- Architected workflows for non-technical stakeholders to contribute to technical projects
- Owned several content-driven projects including both developer and API documentation

Self-Employed **May 2016 - Present**
Senior Software Engineer • 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
- Helped migrate client portal from a no-code solution to a Remix-powered modern application (Movement Labs)
- Used common Java frameworks (Spring, Guice, JAX-RS) in order to quickly build web-based microservices

Fractal Software **Dec 2021 - Jul 2023**
Staff Software Engineer **Remote**

- 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

Blackbaud **May 2017 - Nov 2021**
Principal Software Engineer **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

Spanning Cloud Apps **Sep 2015 - May 2016**
Senior Software Engineer **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

CA Technologies **Mar 2014 - Sep 2015**
Software Developer **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

Allure Energy, Inc. **Nov 2010 - Mar 2014**
Software Developer **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

Computer Science
University of Texas at Austin Austin, TX • May 2012