

Brian Wigginton

Software Engineer

Austin, Texas
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bwiggs.com
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Skills

PROGRAMMING	Go, JavaScript, Ruby, Python, HTML, CSS, PHP
FRAMEWORKS	Vue.js, Angular, Echo (GoLang), TailwindCSS, Bootstrap, Ruby on Rails, Sinatra, GTK3
API DEVELOPMENT	GRPC, REST, OAS, API Gateway, Swagger
ORCHESTRATION	Kubernetes, Istio, GKE, Docker, Docker Compose
DATABASES	Postgres, SqlServer, MySQL
CLOUDS	Google Cloud Platform (GCP), Amazon Web Services (AWS)
CI/CD	Gitlab, Github, Git, CircleCI, ArgoCD
OBSERVABILITY	Datadog, New Relic, Google Stackdriver, Grafana
DATA LAKE/DATA MESH	BigQuery, S3, GCS
AUTOMATED TESTING	Selenium, Artillery, ab
AGILE	Scrum, Kanban
APPLICATIONS	JIRA, Confluence, Slack, Github, Gitlab, Bitbucket, 1Password, Office365
STRENGTHS FINDER	Relator, Restorative, Responsibility, Adaptability, Focus

Experience

Development Manager, Data Products

Applied Systems Austin, Texas Jul 2019 - Sep 2021

Managed 10 direct reports, responsible for weekly 1-1s, annual reviews, hiring new talent. Collaborated closely with Product Owners, QA, Architecture and DevOps teams for delivery of new features.

- Enterprise Data Lake - Lead a new team towards building a customer-facing Data Lake leveraging GCP, GKE and BigQuery
- Data Warehouse Migration - Managed the team working on converting a legacy SQLServer data warehouse to Google BigQuery. Increased speed from minutes to seconds.
- Applied Analytics - Managed the product engineering team working on new features and integrations.

Senior Software Engineer

Applied Systems Sep 2015 - Jul 2019

- Applied Analytics - Lead a team in rebuilding Applied Analytics using a new microservices architecture using Kubernetes, GKE, GoLang, GRPC, REST, API Gateway Pattern, JWTs, Datadog, Docker and ArgoCD deploying to GCP.
- Project Mobius - Created a web frontend for Applied's flagship software, Epic. There were no APIs, so we had to reverse engineer a proprietary .NET API Protocol. Using GoLang and Angular 4.
- AL3 RLE Processor - Developed custom AL3 RLE file parser using GoLang to scrape millions of commercial insurance policy records.
- Kraken - Built a data ingestion platform using GoLang, Angular and Postgres. Centralized data from thousands of custom databases into a centralized data store for use by our product team.

JavaScript Instructor

General Assembly Jun 2016 - Aug 2016

Instructor for a 10 week night-class of 8 junior JavaScript developers. Helped several students gain full-time engineering jobs once the class was finished!

Senior Software Engineer

Evosure Austin, Texas Nov 2014 - Sep 2015

8th hire at Evosure, a startup in the Insuretech space. We were acquired by Applied Systems in 2015.

- Full Stack Engineer - GoLang, Postgres, Ruby, Angular, CircleCI and AWS.
- Industry Search API - Developed an API to help users find relevant industries from SIC, NAICS, SIC-UK classification systems. Leveraged GoLang, Postgres, AWS. Feature was well received and rolled out to other teams at Applied as well as the core Epic Software.

Senior Software Engineer

Sportslabs Boulder, CO Dec 2012 - Aug 2014

- Campus Insiders - Rewrote from PHP Silex to Ruby on Rails. Cloudfront CDN, SOLR for full-text search, HAProxy L7 routing to let us do phased deployments.
- Team Lead for Custom CMS tool and visual redesign rollout of Campus Insiders
- Culture Squad - Put together a team to work on culture impact at SL. We created brainstorming sessions and pancake morning for the team to relax and get to know one-another.

Technical Lead

Crispin Porter + Bogusky

Boulder, CO

Mar 2012 - Nov 2012

Lead development teams to deliver applications using a wide range of technologies.

- Lead rollout of Agile to a team of 20+ developers to deliver software. Wrote stories, estimation, story breakdowns. Mentored junior engineers.
- American Express, Applebees, MDC Partners

Senior Interactive Developer

Crispin Porter + Bogusky

Boulder, CO

Jul 2010 - Jul 2011

- Vail Resort's EpicMix: JavaScript, HTML/CSS, C#

Freelance Web Developer

Self Employed

Fort Worth, TX

Apr 2009 - Jul 2010

- MDC Partners - Wrote backend for new web experience for MDC partners. Ingest data from several sources to show MDC executives on a map and recent activit. CakePHP 1.2, REST API for Flash frontend
- NGMOCO: Rolando Character Creator, Promotion Management tool
- Other projects: Magento Ecommerce site, Joomla CMS implementations, Drupal implemenations.

Interactive Project Manager + Web Application Developer

Algo+Rhythm/Rassai

Fort Worth, TX

May 2008 - Jul 2009

Worked with inhouse and remote development/design team to deliver client projects.

Education

Texas Christian University
BS, Computer Information Technology
Aug 2004 - May 2008

Personal Projects

Cocktail Genius

Progressive Web Application to log and recommend cocktails. Over 250 cocktail recipes. Smart binary recommendation system based on Laplace Smoothing.

<https://bwiggs.com/projects/cocktail-app/>

Linux Stock/Crypto Screener

Stock/Crypto screener and visualizer built for the Linux desktop using GTK3, GJS and Gnome Builder

<https://bwiggs.com/projects/gtk-stocks/>

go-nexrad

go library to parse and generate radar images from NEXRAD weather antennas.

<https://bwiggs.com/projects/go-nexrad/>

References

"Brian is such an enthusiastic person to work with. He enjoys sharing his knowledge with others and does so with such passion and drive. I really hope to work with Brian again in the future. His fuel can feed so many people on a team and his constant smile is very positive to those around him. Brian, I wish you the best and really hope you'll keep in touch." — Billy Clark

"At SportsLabs, Brian provided a crucial senior leadership role. He was able to bring out the best in his teammates by example and instruction, by balancing pragmatic and agile programming, and by sponsoring tech talks in and outside of the company." — Scott Symmank

"Detailed and Creative. Friendly and easy to work with. Very knowledgeable with a good eye on current trends. Can't wait to work with him again." — Ryan Gibbons

"I've worked with Brian for over a year. He is very dependable, skilled and has a unquenchable thirst for learning new technologies. He will always get the job done. He has strong skills in both web project management and in web production." — Aaron Benson

Interests

CYCLING	Either on the road or on the Peloton.
COFFEE	Espresso, Pour-Over, Aeropress, Drip - it's all good!
HOMELAB	So I can play with different tech at home. Also, blinkin-lights!
READING	Science Fiction, CACM, Non-fiction, sometimes other stuff. Favorite Book: Hyperion
LACROSSE	My High School and Collegiate sport! Still love watching games.
TV SHOWS	Seinfeld, Arrested Development