

CJ WILSON

SENIOR SOFTWARE ENGINEER

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OBJECTIVE

I am a web developer with a knack for breaking down code and building up teammates. I'm passionate about creating concise, maintainable code and inspiring team members to perform at a productive and sustainable level. I'd love to be a part of an agile team that values teaching and mentoring other team members in addition to working efficiently.

EXPERIENCE

Epsilon (Formerly Publicis Media)

Senior Software Engineer (Full Stack) · July 2021 to Current · Chicago, IL

In addition to the full stack feature development listed below, my responsibilities have grown to include leading technical interviews, code deployment for bi-weekly releases, technical planning of new features, and feature documentation. As a SME on the project I also spend time teaching other team members about the project and how to grow as developers via code reviews and ad hoc learning sessions.

- Developed the UI for the MVP of two internal Angular libraries to streamline audience activation and audience building processes for multiple Epsilon products
- Integrated and maintained the aforementioned audience activation library in our platform in both the UI and API
- Enhanced functionality of existing Audience Builder to support nested boolean logic to allow for more complex audience targeting
- Led onboarding sessions covering the platform UI code and functionality
- Improved API performance via optimized ActiveRecord queries and API design for reporting and product endpoints currently processing tens of thousands of records
- Maintained and optimized API jobs to process and send audience data to backend data processes

Technologies: Angular, Typescript, NgRx, RxJS, Ruby, Rails, RSpec, Swagger, PostgreSQL, Jenkins, FeatureBase, Elasticsearch, TypeORM, Ts.ED

<https://www.epsilon.com/us/products-and-services/epsilon-peoplecloud>

Software Engineer (Full Stack) · June 2018 to June 2021 · Chicago, IL

My primary responsibilities include building new features, enhancing existing functionality, writing tests, manual testing, code review, and API documentation in our Angular/Rails web application. The major components of the application are the Insights, Audiences, and Admin modules. Insights allows users to pre-build audiences and visualize data in various types of charts and widgets in order to determine an effective target an advertising campaign. After analysis in Insights, the Audiences feature enables our users to permanently create audiences through a drag-and-drop builder that are sent to audience activation platforms to begin an advertising campaign. The Admin module encompasses various reporting and administrative functions such as user and client management.

- Developed the Explore Insights module which allows users to build preliminary audiences and view the estimated audience count on the fly without backend job processing
- Built an Admin UI to facilitate uploading bulk charts and widget data via spreadsheet
- Refactored the UI to read data from FeatureBase in addition to Elasticsearch to speed up the user experience

Technologies: Angular, Typescript, NgRx, RxJS, Ruby, Rails, RSpec, Swagger, PostgreSQL, Jenkins, FeatureBase, Elasticsearch

<https://www.epsilon.com/us/products-and-services/epsilon-peoplecloud>

Software Developer

Road to Status · Jan. 2016 to Apr. 2018

I worked alongside the CTO and the executive/founding team to design, build, maintain and extend the infrastructure of our Ruby on Rails (SaaS) web application. The major components of the application were the intake wizard, the universal form, a PDF stamping engine, an attorney/client management system, and a sophisticated admin platform for internal operational reporting and management.

My responsibilities included requirement gathering, feature design, development, full-stack design, bug fixes, code reviews, QA, testing, database management, and code deployment.

Technologies: Ruby, Rails, Javascript, JQuery, HTML/Sass, PostgreSQL, EBS, EC2, S3, Redis, Sidekiq, JRuby

<https://app.roadtostatus.com>

Development Student

Dev Bootcamp · Jan. 2015 to May 2015

At its core Dev Bootcamp is more than a technical program. I explored and learned a multitude of technologies under the tutelage of experienced instructors, but equally important were the lessons about empathy and agile teamwork. Furthermore I became an expert learner; out of necessity I devoured information in order to immediately apply it to the challenge at hand. Overall Dev Bootcamp taught me to respect others and continually expand my knowledge base, two invaluable traits in any environment.

EDUCATION

Dev Bootcamp

Dev Bootcamp is a 19-week intensive training program for aspiring web developers specializing in Ruby, Rails, Sinatra, HTML5, CSS, Test Driven Development, Object-Oriented Javascript (AJAX, jQuery), Backbone.js, RSpec, Jasmine, Capybara, Git, Github, Heroku, and Agile Development. I graduated from the program in May 2015. The first 9 weeks of the curriculum are remote, while the second 9 weeks are an immersive, on-site experience. The program also addresses intra- and interpersonal strategies for fostering optimal learning and teamwork environments. 2015

The Ohio State University

College of Arts and Humanities, Bachelor of Arts Major: English, Minor: General Business 2011

Humanities Scholars

SKILLS

Ruby, Rails, Angular, Typescript, Javascript, PostgreSQL, RxJS, NgRx, CSS/SCSS/Sass, HTML5, RSpec, Jasmine, Karma, Active Record, Git, Swagger, Jenkins, TypeORM, Ts.ED (Node.js)

PROJECTS

Daily Focus (Alpha)

June 2024 to Current

Daily Focus is a time block daily planner app. Time blocking is the concept of planning out your day by giving every minute of your time a specific job. This helps me make a realistic, effective schedule. The concept is based off of Cal Newport's Daily Time Block Planner, and it's an essential part of my focused work routine. Unlike a traditional daily planner, this app encourages revision when plans change. If your schedule changes, copy a time block to a new column and re-plan your day from there. Review what you planned versus what really happened at the end of your day. Use that knowledge to make a better plan the next day. Avoid overwhelm and burnout with time blocking. This app is a work in progress.

Value Tools

June 2024 to Current

Value Tools is a suite of value investing tools to help make better investment decisions. Currently the app includes a discounted cash flow calculator that helps investors arrive at a rough estimate of intrinsic value based on earnings or cash flow. This app is a work in progress.

Technologies: React

Financial Statement Parser

I built a proprietary Ruby service to fetch and parse thousands of JSON and Excel financial statements to extract relevant financial data. After processing this data is exported into an Excel spreadsheet.

Timetris

Timetris connects with your Google Calendar to fill gaps in your daily schedule. It was developed in 7 days as a final project during Dev Bootcamp. Timetris was built primarily with Rails and Javascript using technologies such as Omniauth and the Google Calendar API.