

# Alex Smith

## Full Stack Senior Software Engineer

 <https://alexsmith.codes>

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 Tampa, FL (UTC-5)

## Skills

Ruby	Sidekiq
Rails/Padrino	Heroku/AWS
JavaScript	Edge caching
Redis	Preact/React
Elasticsearch	Docker

## University of Central Florida

BSBA - Finance  
cum laude, 3.8 GPA

## Tech Talent South

Received a full-ride scholarship and attended the full-time code immersion coding boot camp.

## Other accolades

VFA Fellow  
Series 7 & 66 licenses (expired)  
Passed Level I of the CFA  
Open-source author & contributor

## Interests

Golf  
Formula 1  
Computers  
Legos  
Music/speakers  
Dogs  
Board games  
Tampa Bay Lightning

## Teal HQ (remote) 2022 - present Senior Back-end Engineer

- Led the process of upgrading all major dependencies on the backend (i.e. Ruby version) across all backend applications.
- Updated Docker configurations to make it easier for the frontend team to run all the backend micro services.
- Conducted research, including meeting with 3rd parties, to improve our text analysis algorithms.

## GiveCampus (remote) 2021 - 2022

### Senior Software Engineer

- Improved the response time of the most popular action (donation processing) by 50% (120ms to 60 ms).
- Led the re-factor of core, legacy code with cross-calibration of senior engineers from various pods.
- Engineered an "abandoned donation" flow to boost conversion by 3% for users who started and abandoned a donation.

## Forem/DEV (remote) 2020 - 2022

### Senior Software Engineer

- Forem(DEV) is open-source so you can see some of my work by checking out the [repo](#).
- I worked on several interesting projects including implementing edge caching with NGINX and OpenResty to reduce server loads by 80%+, a greenfield application to help manage paid/hosted Forems, implementing Elasticsearch, and more.
- Developed a Greenfield application to monitor and analyze data from cloud instances of the Forem software.

## Intrinio (remote) 2018 - 2019

### Software Engineer

- Developed a real time integration using Elixir/Phoenix to stream ~10,000 messages per second for more than 1,000 Cryptocurrency pairs across 20+ exchanges.
- Created the [technical-analysis\\_gem](#) - an open-sourced Ruby library for performing technical analysis on stock prices and other data sets.
- Built an embeddable script for clients to include on their webpages to render real-time data in-line.

## TicketFire (Columbus, OH) 2016 - 2018

### Software Engineer

- Engineered a template recommendation engine to recommend to users the correct template for 93%+ of tickets digitized or sold.
- Introduced data analytics to track consumer behavior during the checkout process that resulted in a 21% increase in customer conversion.