

# Alex Smith

## Full Stack Senior Software Engineer

### Contact

<https://alexsmith.codes>

813.277.6531

[alexandersmith223@gmail.com](mailto:alexandersmith223@gmail.com)

### Skills

Ruby  
Rails  
JavaScript  
jQuery  
React  
Redis  
Elasticsearch  
NGINX  
Sidekiq  
Heroku  
AWS  
Edge caching  
Docker  
RSpec  
PostgreSQL  
Python  
Monolith deconstruction  
Microservices  
Architecture design  
Elixir  
Phoenix

### Education

University of Central Florida  
BSBA - Finance, *cum laude*

Tech Talent South  
coding bootcamp

### Interests

Golf  
Formula 1/motorsports  
Dogs  
Board games  
Tampa Bay Lightning

## Calendly (remote) 2023 - present Senior Full Stack Software Engineer

- Led the development and design of a new company priority in a service-oriented architecture to build a service to process millions of messages a day resulting in hundreds of millions of records - approaching a billion.
- Built a REST API for other internal squads to consume for user-facing feature development (Ruby on Rails, PostgreSQL, PubSub, Kubernetes, etc.).

## Kasheesh (remote) 2022 - 2023 Senior Full Stack Software Engineer

- Led the development and design of a new integration to allow users to create virtual multi-use credit cards that they could then use to split a single purchase across multiple other cards that they own.
- Re-designed the entire UX to be mobile first using Tailwind CSS.
- Developed an algorithm to recommend users with splits for purchases in order to best improve their credit score over time and maximize reward points.

## GiveCampus (remote) 2021 - 2022 Senior Full Stack Software Engineer

- Improved the response time of the most popular action (donation processing) by 50% (120ms to 60 ms) using caching and re-factoring.
- Engineered an “abandoned donation” flow follow-up flow to boost conversion by 3% for users who started and abandoned a donation.

## Forem (formerly DEV) (remote) 2020 - 2022 Senior Full Stack Software Engineer

- Forem(DEV) is open-source so you can see some of my work by checking out the [repo](#).
- Implemented edge caching with NGINX and OpenResty to reduce server loads by 80%+ allowing us to notably scale down server resources saving thousands of dollars in infrastructure costs.
- 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.
- Designed and developed data analytics to track consumer behavior during the checkout process that resulted in a 21% increase in customer conversion.