

Anthony Ascencio
Software Engineer
<https://github.com/anthony2025>

EDUCATION

University of Virginia, 2013 – 2015

Anticipated B.S. in Computer Science, forty-eight credit hours completed

Freecodecamp, 2015 – 2016

Full Stack Development studies

TECHNICAL SKILLS

Frontend: Proficiency in Javascript (ES6 and up), Flow/Typescript typings, React, Redux, CSS3 Flexbox/Grid, CSS-in-JS libraries, Ramda/Lodash, and Webpack.

Backend: Proficiency in Amazon Web Services, Devops in Terraform, Serverless architectures, and REST APIs with NodeJS. Experience with Scala and the Play Framework.

General: Proficiency in Linux administration, CLI/Bash tooling, Docker containers, Git workflows, CI/CD provisioning and deployment, and functional programming paradigms. Familiarity in Python, Java, C++, and Android/iOS.

WORK EXPERIENCE

BTS Software Solutions, Independent Consultant, June 2019 – August 2019

- Worked on the frontend rewrite of a React site. Goals were to improve responsiveness across devices, as well as accessibility, internationalization, and user experience.

BTS Software Solutions, Software Engineer, August 2017 – June 2019

- Conducted the development of a job scheduler and frontend for a scientific data server; leveraging AWS services to allow scientists to run experiments on powerful cloud servers.
- Architected an application for tracking revenue forecasts and personnel hours. Successfully applied functional programming concepts to halve execution time of risk calculations.
- Conducted experiments on a patent pending compression scheme for Machine Learning models. Achieved ratios of up to 4:1 with minimal accuracy losses.

Rose's Daycare LLC, Web Developer, May 2017 – July 2017

<https://github.com/anthony2025/roses-daycare>

- Crafted, deployed and maintained a responsive marketing website for Rose's Daycare to help with marketing efforts and client retention.
- React encapsulates all site elements into reusable components. Redux fetches content and persists it to Local Storage. A serverless Firebase architecture serves as a CMS.

SIDE PROJECTS

React Simon, 2017

<https://github.com/anthony2025/react-simon>

- Built a React/Redux emulation of the 80's game. Experimented with RxJS Observables to orchestrate asynchronous animation events, without having to keep track of any timers.

OPEN SOURCE CONTRIBUTIONS

Sundial, 2017

A Scala AWS job scheduler for running dockerized Batch jobs. Helped with documentation and bug fixes for their deployment pipeline.

Glamorous, 2017

A popular CSS-in-JS library. Participated in the translation efforts of their website and documentation.

VOLUNTEERING

Arlington Public Library, 2017

Conducted clinics on bicycle mechanics, teaching people how to apply troubleshooting and debugging techniques in other life areas.