

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+), Flow/Typescript typings, React, Redux, CSS Flexbox/Grid, Web Workers, Ramda/Lodash, and Webpack.

Backend: Comfortable in AWS, Serverless architectures, SQL/NoSQL, and REST APIs in NodeJS or Scala (Play Framework). Some experience with Akka Streams, Protocol Buffers, and a love for functional programming.

General: Proficiency in Linux administration, Devops with Ansible and Terraform, Docker containers, Git, CI/CD provisioning and automatic deployments. Comfortable in Bash, Python, Java, Lua, and sometimes C++.

WORK EXPERIENCE

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

- Worked on the frontend rewrite of a data sharing site running on React. Goals were to improve responsiveness across devices, as well as accessibility, internationalization, and ease of use.

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

- Conducted the development of a job scheduler for a data server; leveraging AWS to allow scientists to run experiments on powerful cloud servers.
- Architected an application for tracking revenue forecasts and personnel. Successfully applied functional programming concepts to halve risk calculations.
- Reverse engineered existing graph optimization tooling to conduct experiments on lossless compression schemes for Machine Learning models.

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 NoSQL database 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.

OPEN SOURCE CONTRIBUTIONS

Sundial, 2017

A Scala scheduler for running dockerized batch computing jobs. Helped with documentation and bug fixes on their deployment pipeline.

Glamorous, 2017

A popular CSS-in-JS library. Aided the translation efforts of their documentation.

VOLUNTEERING

Arlington Public Library, 2017

Conducted one-on-one workshops on bicycle mechanics.

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