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, React/Redux, CSS Flexbox/Grid. Experience with Reason/Ocaml, Protocol Buffers, AWS Amplify, and Webpack.
Backend: Proficiency in Scala (Play Framework) and NodeJS. Experience with Serverless architectures, Cats/Scalaz, Akka Actors, and Functional Programming.
General: Experience with Linux administration, Devops with AWS/Terraform, Docker containers, Git, CI/CD setup, Selenium testing. Comfortable in Bash, Lua, Python, and Java.

PROFESSIONAL EXPERIENCE
BTS Software Solutions, Independent Consultant, June 2019 – August 2019
- Worked on the rewrite of a data sharing site running 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
- As part of DARPA's projects THoR and Prometheus, worked on the development of a scientific data server extensively leveraging AWS cloud services. Collaborated on all fronts of the application: from layout and user experience design, to devops and backend microservices.
- Architectured a HR application for calculating revenue forecasts and tracking personnel. Succesfully applied functional programming concepts to halve risk calculations.
- Reverse engineered existing graph optimization C++ 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.

OPEN SOURCE CONTRIBUTIONS
Sundial, 2017
A Scala scheduler for running dockerized batch computing jobs. Helped with documentation and bug fixes on their AWS deployment pipeline.
Glamorous, 2017
A popular CSS-in-JS library. Aided in the translation efforts of their documentation.

SIDE PROJECTS
React Simon, 2017
https://github.com/anthony2025/react-simon
Built a React/Redux emulation of the 80's game to experiment with RxJS Observables.

COMMUNITY WORK
Arlington Public Library, 2017
Conducted workshops on bicycle mechanics as an ex professional mechanic.

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