

## FULL-STACK ENGINEER

Full-stack developer with 20+ years of experience in graphic design. Technical background in JavaScript and React framework with advanced artistic skills to design apps that optimize performance and engage users. Volunteer at multiple mental health non-profits using psychological skills to listen and provide encouragement to hundreds of individuals.

### TECHNICAL SKILLS

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**FRONT-END:** JavaScript (ES6), React, Redux, Next.js

**DATABASE:** SQLite, PostgreSQL, NoSQL (Firebase)

**BACK-END:** Ruby, Ruby on Rails, Sinatra

**VERSION CONTROL:** Git

### TECHNICAL PROJECTS

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**PET FEEDER (REACT)** [GITHUB](#) | [VIDEO](#)

*A pet feeder designed for busy owners of many exotic pets to track feedings and eliminate uncertainty.*

- Developed application using React and Redux for state management.
- Leveraged controlled forms and a Rails API to validate and persist data.
- Implemented Redux Thunk middleware to make async API requests and provide exceptional user experience.

**MONARCH TITAN TRACKER (JAVASCRIPT)** [GITHUB](#) | [VIDEO](#)

*A playful app to log, identify, and categorize giant monsters (for employees of the fictional agency, Monarch.)*

- Built using JavaScript ES6 JS syntax and utilized constructor functions to create JS objects.
- Manipulated the DOM based on user interactions to create more dynamic user experience.
- Effectively tracked scope to deliver data where it was needed.

**PET FEEDER (RAILS)** [GITHUB](#) | [VIDEO](#)

*The first iteration of the pet feeder app built to track pet feedings of a busy household.*

- Designed application with Ruby on Rails, MVC architecture, and CRUD RESTful routes.
- Utilized ActiveRecord to model associations
- Added validations to secure data and limit bugs.

### EXPERIENCE

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**Independent Contractor**

Bel Air, MD

*Graphic Designer*

10/1995 - Present

- Energized the client's target base by delivering clean, branded graphics that provided the client a recognizable look to set them apart from competitors and convey a message of professionalism.
- Delivered a 120+ hardback book that won the Graphic Design USA Design Award in 2014 out of over 1000 entrants.
- Quickly responded to client's needs and created a highly detailed illustration within only a few days over a holiday resulting in the client being able to open their business on time.

### EDUCATION

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**Flatiron School**

Full Stack Software Engineering program

Bel Air, MD

04/2021

**Towson University**

Bachelor's, Clinical Psychology

Towson, MD