John Dust

Knoxville, TN & Willing to relocate | 865-567-5032 | coffeedust.io@gmail.com
Personal Website: www.coffeedust.io | GitHub | LinkedIn

Full Stack Software Engineer

Positive, fun and helpful Full Stack Web and iOS Developer with nearly 4 years of independent experience. Background in customer oriented, 5-star tech support, with a passion for solving problems and meeting new people. Writes innovative code that is semantic, organized and efficient. Always thinks ahead to figure out the best, most scalable and efficient solution to a problem. Desires to continue to learn, grow and test skills and knowledge.

TECHNICAL SKILLS

Ruby, Ruby on Rails, Javascript, JS ES6, React, Redux, SQL, Database Modeling, ActiveRecord, CSS 3/HTML 5, Sinatra, Git/Github, Swift, Swift-SpriteKit, TDD, Node JS, Express JS, SequelizeJS, MVC Architecture, REST

TECHNICAL PROJECTS

Coffee Beans Social Media - Github | Demo
A twitter clone where tweets are coffee beans. Users can share pictures, stories, comment on posts and react to both comments and posts alike.
- Built front-end in the React framework with Redux state management pattern.
- Used Redux-Thunk for async data retrieval and state updating.
- Programmed the backend database server in Ruby on Rails using SQLite3 and ActiveRecord with ActiveStorage to persist user submitted media.

My Coffee Table - Github | Demo
A single page web application that gives users a space (coffee table) to add, move around and customize pictures, weblinks, text, notes etc.
- Coded the frontend in vanilla ES6 Javascript in an Object Oriented JS paradigm for clear and semantic code organization.
- Designed backend server on Ruby on Rails framework with ActiveRecord responsible for returning and persisting data.
- Modeled and tested the relational database schema with polymorphic associations to reduce code repetition.

The 8-bit Master - Link
Published iOS Game that featured a classic gameboy console interface and allowed users to play multiple 8-bit style games.
- Developed in Swift, Spritekit and Objective-C.
- Ability for users to purchase game currency with in-app purchases along with using AdColony SDK for interstitial ads.
- Received a total of 5k+ app unit downloads along with many reviews internationally with an average 4.5 stars overall.

EXPERIENCE

Full Stack Software Engineer   Knoxville, TN
Independent - Part time   2017 - Present
- 3 years of Ruby, Javascript and Ruby on Rails experience. Nearly 2 years of iOS and Swift/OBJ-C experience.
- Built and contributed to many projects in multiple languages and frameworks. Some public projects can be viewed and demo'ed on coffeedust.io.
- One of my most noteworthy accomplishments is a fully published iOS game called The 8-bit Master. I designed all of the graphics, artwork, music and of course, the code.

Asurion   Knoxville, TN
Tech Expert - Part time   10/2020 - Present
- Providing hands-on technical support and customer service to 40+ clients per month by delivering and setting up smartphones and troubleshooting technical issues. Consistently rated 5 stars across client experience, special mention for helpfulness and technical knowledge.

EDUCATION

Flatiron School   Knoxville, TN
Full Stack Web Development, Ruby on Rails and JavaScript Program   01/2019 - 06/2021

Penn Foster - High School   Knoxville, TN
Electives in Computer Programming/Information Technology, 4.0 GPA   07/2016