

Calder Marshall

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A business oriented software engineer interested in the pursuit of knowledge and a commitment to self-improvement.

Executive Summary

- ♦ Proficiency in React.js, facilitating and improving use of modern JavaScript techniques and syntax
- ♦ Excellent Communicative, Leadership, and Interpersonal skills
- ♦ Experience in Development Operations – Current support assignment requires extensive coordination with the site reliability engineers
- ♦ Knowledge of microservice architecture garnered and fostered during current assignment
- ♦ Made use of agile practices to manage work intake and completion of objectives
- ♦ Overseeing daily deployments to production application and supporting rollbacks when necessary

Experience

Software Engineer | The Home Depot

Atlanta, GA

February 2018 – Current

- ♦ Home supply store based in Atlanta, GA. Supply Chain Platform
- ♦ Working with Google Cloud Platform, Kubernetes, Node.js, Express, React, Selenium, Puppeteer, Java, Spring, Docker, Jenkins
- ♦ Extensive use of GCP resources including DataFlow, Stackdriver, Spanner, and BigQuery
- ♦ Building scripts to oversee Selenium failures inside e2e testing environment
- ♦ Knowledge and familiarization of Groovy deployment scripts, and GitHub triggers, versions, and tags, in a large distributed environment
- ♦ Work on core service error handling to improve meaningful and succinct error reporting for use by support team
- ♦ Triaging and diagnosing production issues in a large, distributed, microservice application
- ♦ Remote device support using android platform tools to track platform responses as users interact with the application
- ♦ Agile environment using pivotal tracker, as well as continuous integration and continuous deployment

Mobile Applications Developer | Mobile App Hero

<https://www.mobileapphero.com>

Atlanta, GA

November 2017 – February 2018

- ♦ Worked with React Native, Firebase, Expo XDE
- ♦ Strengthened responsive design by thoroughly testing applications for specific devices and platforms
- ♦ Extensive version control in development and deployment
- ♦ Improved use of higher order components and reusable front end code
- ♦ Began advanced use of React Native stack by working with native phone components, and truly utilizing the component lifecycle
- ♦ Expanded knowledge on development lifecycle, and its particular role in a small mobile application shop

Web Developer | Helium Services

<http://heliumservices.com>

Sandy Springs, GA

August 2017 – November 2017

- ♦ Worked with PHP, Python, React, MySQL, S3, SASS
- ♦ Used sys, boto3, zipfile, and os modules in Python
- ♦ Wordpress development, largest focus on CSS

DigitalCrafts | Full-Stack Web Developer

February 2017 – June 2017

Atlanta, GA

- ♦ 16-week intensive, full-time accelerated learning program
- ♦ Learned Python and full-stack JavaScript, including Node.js, PostgreSQL, Express, React, Redux, HTML/CSS, and AWS
- ♦ Learned how to build and deploy web applications using internal or third party APIs, and dynamically render data in the browser
- ♦ Introduction to computer science including data structures and algorithms, threading, and memory and process management

Education

Mercer University

2013 – 2016

Chamblee, GA

Stetson School of Business

Bachelor of Business Administration

Auburn University

2010 – 2013

Harbert College of Business

92 semester hours

Projects

One Supply Chain

- ♦ Current assignment at Home Depot, rollout of new warehousing application
- ♦ Member of Production Support team, additionally, contributing to RF Device team
- ♦ Most recent project: React/Node Application for submission of incidents, uses ServiceNow and PagerDuty

WreckTech

- ♦ React Native application at Mobile App Hero, hosting technology items for offer or sale
- ♦ Utilizes majority of React Lifecycle Methods, Uses Lodash to format data objects from firebase
- ♦ Implements Ternary Operators to conditionally render CSS, referencing Component State based upon Firebase values
- ♦ Uses react-native-router-flux to control UI actions, and transfer props across the entire application
- ♦ Database changes monitored by Firebase functions, adjusting functionality and design in the application
- ♦ Makes use of Redux to maintain entire application state, also uses Native Base UI Components

Kakuto

- ♦ React web application at Helium Services, showing users live data from an MMA tournament using a friendly UI, built on light-bootstrap-dashboard
- ♦ Uses axios to make http requests on the front end, and Express PM2 Node server running on AWS with MySQL Database
- ♦ Includes numerous and increasingly complex SQL statements to query for data, in a promise based REST API
- ♦ Makes use of react-bootstrap-table and react-bootstrap-sweetalert to provide a professional, yet user friendly interface

Community

Eagle Scout, Troop 554

Open Hand Atlanta

References available upon request.