

Luke McCrae

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Education

Galvanize

FULL STACK WEB DEVELOPMENT IMMERSIVE - MEAN STACK

Denver, CO

Oct 2016 – April 2017

Pikes Peak Community College

ASSOCIATE ARTS

Colorado Springs, CO

Nov 2011 – May 2014

Work History

Nimbus 9

FRONT END DEVELOPER

Colorado Springs, CO

Sep 2017 – Apr 2018

- Primary developer for customer facing lighting control web application.
- Developed UI controls for Sunrise and Sunset lighting timers using AngularJS.
- Wrote HTTP / AJAX calls using Javascript to interface with in-house API.
- Assisted backend team to define API specification.
- Built a testing suite using Jasmine.
- Updated codebase from AngularJS 1.4 to 1.6.
- Utilized Angular Material components to style user interfaces with modern, responsive design.
- Collaborated with designer to specify product needs.
- Operated and maintained Docker container.

SAIC, FAA Contractor

REMOTE PILOT OPERATOR

Fremont, CA

October 2019 – February 2021

- Providing support for the training of Air Traffic Controllers.
- Operating real-time simulation of air traffic environments through fast paced, accurate data entry.

Garcia Structural

CAD DRAFTER

Remote

March 2020 – Present

- Creating documentation for structural engineering using AutoCAD.

Skills

Tools: Git, Terminal, Jasmine, Docker

Web: React, node.js, Javascript, Express, Heroku, Firebase, AngularJS, MongoDB

Projects

Group Timer

React, node.js, Express,
MongoDB, Heroku, Firebase

[HTTPS://GROUP-TIMER.FIREBASEAPP.COM](https://group-timer.firebaseio.com)

- Improved personal productivity by over 50% with web app to organize sequential timers.
- Created streamlined user interface with React using create-react-app.
- Developed User Auth and Data Persistence using node.js, MongoDB, and Web Tokens.
- Integrated NPM library for timer functionality.
- Implemented Queue data structure to create a sequence of timers.
- Designed Countdown animation with HTML and CSS.
- Implemented auto-login feature by storing User Sessions in Local Storage.
- Hosted and maintained decoupled web application front and backend code on Firebase and Heroku respectively.
- Performed seamless database migration from mLab to Heroku.