

# Kellen Busby

## Full Stack Developer

I thrive when given a challenge I don't know how to solve immediately. My greatest strength is my ability to learn quickly and on the fly.

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 @kellenbusby

 /busbyk

 /in/kellenbusby

## Work Experience

### Owner

Kellen Busby Software LLC

08/2016 - 08/2018

Riverstone Resources LLC

Manchester, NH

- Established a CI/CD practice using Azure DevOps and productionized four in-flight apps
- Built and deployed a React front end for an NLP based industry news aggregation application which allowed users to quick filter, search articles, generate aggregation reports, and save changes to article attributes on user action
- Supported existing NLP based industry news aggregation backend (Python) by independently delivering bug fixes and minor enhancements
- Designed and developed a custom RShiny theme using company branding
- Learned Pandas fundamentals and then delivered data visualizations to management in a two week time frame

Bookcicle LLC

New Hampshire

- Test-driven development of Python Lambdas to support customized manuscript export, extensively using python-docx
- Implementation of changes in React front end - supporting the manuscript export module

### Software Developer

Liberty Mutual Insurance

08/2016 - 08/2018

Portsmouth, NH

- Developed an enterprise-level chatbot using NodeJS, Amazon Lex, AWS Lambda, API Gateway, DynamoDB, ElasticSearch. This digital assistant is capable of looking up information, holding a slot-filling conversation, and performing tasks on a user's behalf.
- Self taught AWS dev ops skills
- Researched, prototyped, and presented on various chatbot technologies and services including Amazon Lex, DialogFlow (API.ai), Luis.ai, wit.ai, the Microsoft Bot Framework, and others.
- Designed, developed, shipped, and iterated on a dashboard web app for underwriters to gather information from various data sources and view it in one convenient location.

## Education

### Business Admin: Information Systems Management (BA)

University of New Hampshire (UNH) - Peter T. Paul  
College of Business and Economics

2010 - 2014

## Skills

- React    JavaScript    Python    Node.js  
Express    Flask    GatsbyJS    Docker  
Docker Compose    AWS    Azure  
CI/CD    GraphQL    REST    Lambda

## Additional Experience

### Corporate Fellow

IDEO CoLab

2017

- Participated as a corporate fellow for Liberty Mutual at the IDEO CoLab (<http://ideocolab.com/>) which involved using design thinking to iterate on solutions to a prompt with an emphasis on building rapid prototypes. My favorite prototype was an augmented reality home monitoring app using only web technologies

## Personal Projects

### Partner Finder

React Native app for finding climbing partners

### Winter Warrior Strava Challenge

React app with Node.JS + Express backend that integrates with the Strava API on a user's behalf to track challenge progress on leaderboard

### Ticks and Todos

React app with Python + Flask backend that integrates with MountainProject.com's user search and user "ticks" by web scraping with BeautifulSoup

## Interests

- Human Centered Design
- Rock and Ice Climbing
- Mountain Biking
- Ski Mountaineering
- Painting
- Photography