

# Nathan Garrett

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Full Stack Web Developer candidate experienced with React, jQuery, Node, JavaScript, and mobile-first responsive development with HTML5 and CSS3. Skilled with modern tooling and eager to learn more.

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## KEY SKILLS

**Languages/Frameworks:** HTML, CSS, JavaScript, Node, React, Redux, MongoDB, SQL, Mocha, Chai, ES6, Express, Jest, Ajax, Flexbox

**Dev Tools & Methods:** Git/GitHub, Heroku, Mobile-first, Responsive, Agile, Test Driven Development, Big O Notation, Data Structures and Algorithms

**Online Marketing:** SEO/SEM Optimization, Google Analytics, Campaign Targeting/Management, Web Design, Graphic Design

**Other:** Microsoft Office Certified, IC3 Certified - Internet Core Competency Certification

**Of Note:** Top Secret Security Clearance

## EXPERIENCE

### FULL STACK DEVELOPER, 8/2017 – Present

- Create fully functional applications while working on a team in an Agile environment.
- Collaborate several hours every week with a senior web developer to studied new languages and frameworks.

### Mood Cloud

- This app was designed to reduce the amount of bullying in today's school system and give the student a more comfortable place to communicate the issues that are occurring and help teachers recognize these issues and resolve them in a timely manner.
- Users can login as either a student or a teacher. As a student they are able to login and submit their daily emotions from a list of 100 options to choose from. These emotions are then documented inside a word cloud showing at a glance the emotions that most frequently. They also have the ability to ping their teacher whose class they've enrolled in and have a live 1 on 1 real-time chat with them. Teachers also have their own dashboard allowing them to see submitted emotions of all students enrolled in their class as well as participate in a real-time 1 on 1 chat with a student in crisis.
- Technologies used: React, Redux, MongoDB, Node.js, Express.js, Jest, Mocha, Chai, Flexbox, Socket.io
- Server and hosting Technologies: Node server as well as deployment via Heroku, Netlify and continuous integration with Travis CI

### Kurikaeshi (Japanese Learning)

- This app was created to use a spaced repetition algorithm and singly linked list to create a web based Japanese language learning application. As the user answers questions throughout the app they will be assigned strength values according to how many times and how frequently they got the question wrong causing it to appear more often and help them learn it.
- Technologies used: React, Redux, MongoDB, Node.js, Express.js, Flexbox
- Server and hosting Technologies: Node server as well as deployment via Heroku, Netlify and continuous integration with Travis CI

### International Space Station Distance Calculator

- I wanted to challenge myself and give myself 5 days to learn a language I was unfamiliar with as well as build a useful app with that language. I decided to go with Python due to my interest in data manipulation, artificial intelligence, and cyber security.

- This app calculates the distance from the International Space Station (moving at 28,000km/h) to the position of the current user as well as each crew member's hometown that is currently aboard the ISS (Expedition 54; this includes locations from USA, Japan, and Russia).
- Technologies used: Python
- External API's: Open Notify ISS Tracker to pull in current latitude and longitude positions

### **Sitter Finder**

- This app was created to make childcare more affordable and accessible to parents. The technology I built simplifies the process of finding a baby sitter for a special occasion or if needed on a regular schedule. This app allows parents to search for sitter based on the location they input.
- Technologies used: React, Redux, MongoDB, Node.js, Express.js, Flexbox
- Server and hosting Technologies: Node server as well as deployment via Heroku, Netlify and continuous integration with Travis CI

### **Mybrary**

- Users can search for a list of books using a keyword that returns results based on that keyword with a list of 10 books related to that keyword. Users can register an account and login to it to create and save a personal library we dubbed the 'Mybrary'.
- Front end technologies: jQuery, Vanilla JavaScript, HTML 5, CSS 3, State Management, Node.js, Mongo, and Mongoose.
- Server and hosting Technologies: Node server as well as deployment via Heroku and continuous integration with Travis CI
- External APIs: Google Books

### **Giftastic**

- Users are able to search through the Giphy API using a user-inputted keyword that returns results based on that keyword with 10 GIF images per page. Features a trending section that always displays current trending GIFs.
- Front end technologies: jQuery, Vanilla JavaScript, HTML 5, CSS 3, CSS Responsive Grids
- Server and hosting technologies: Command Line Local Server hosted on port 8080
- External APIs: Giphy (Search, Trending)

GATX Consulting | Founder, 4/2015 – 1/2017

- Internet marketing and consulting agency focused on local business consulting.

### *Additional Work History*

Salem Carriers | Delivery Driver, 10/2016 – 8/2017

GATX Consulting (internet marketing and consulting agency) | Founder, 4/2015 – 1/2017

XXL HOT SHOT TRANSPORTING LLC | Owner/Operator, 7/2015 – 11/2015

Acme Truck Line, Inc. | Owner/Operator, 8/2014 – 7/2015

Performance Food Group | Delivery Driver, 2/2014 – 8/2014

United States Marine Corps | Active Duty (Honorably Discharged), 8/2012 – 9/2013

## **EDUCATION**

### **THINKFUL | Web Development Intensive, 2/2018**

- Intensive, five-month full time course on modern full stack JavaScript development.
- Learn industry best practices and practical software development standards.
- Focus: HTML5, CSS3, JavaScript, jQuery, Node.js, Express, Ajax, React, Redux, and algorithms & data structures.