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.

KEY SKILLS

Languages/Frameworks: HTML5, CSS, Sass, JavaScript, Node.js, React, Redux, MongoDB, SQL, Mocha, Chai, ES6, Express, Jest, Ajax, Flexbox, CSS Grid, Python, xBasic
Dev Tools & Methods: AWS S3, Adobe PhoneGap, Git/GitHub, Heroku, Mobile-first, Responsive, Agile, Test Driven Development, Big O Notation, Data Structures and Algorithms, Alpha Anywhere
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

Tracker Technologies - Full Stack and Mobile Developer, 4/2018 – 9/2019

- Created mobile responsive web applications with a strong focus on solid UI/UX practices both by myself as well as in teams. These web apps were used by some of our customers such as Burns & McDonnell, Schlumberger, Shell Global, as well as internally with our parent company, Rev1 Power Services, a global leader in commissioning services.
- Created services for task automation using Node.js and xBasic (a proprietary backend language used by Alpha Anywhere Software - Similar to .NET)
- Built an ATS system from the ground-up, replicated off BullHorn ATS but with better UI/UX and cut out some features that were just clutter for our company when using bullhorn. This included a desktop app for our HR department to use as well as complimentary iOS and Android apps where candidates and clients could submit their interest in positions to the HR department. Mobile apps utilized Adobe PhoneGap and AWS S3 for updating mobile apps with PhoneGap Instant Update.
- Redesigned entire UI/UX for our main product, TrackerDB, that oil and power service contractors used out in the field to document when tests were performed on machinery, keep track of maintenance schedules, and any other commissioning needs.

Mood Cloud

- 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
- 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.

Kurikaeshi (Japanese Learning)

- 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
- 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.

International Space Station Distance Calculator

- Technologies used: Python
- External API's: Open Notify ISS Tracker to pull in current latitude and longitude positions
- This app calculates the distance the 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).

Additional Work History

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.