

# Michael Gomes

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## About Me

From the moment I created my first python project I knew I had found my new passion. Programming has offered me engaging challenges and puzzles to continually learn and improve my skills. What started as just a hobby has turned into an unexpected change to the trajectory of my life. Logic has always come naturally to me so when I found programming it was a perfect fit. Once I grasp the concepts it is easy for me to pick up new technologies. Below you will find my projects that showcase my skills.

## Technical Skills

HTML5, CSS3, Javascript, jQuery, Bootstrap, React, Redux, MongoDB, Express, Node.js, Wordpress, WooCommerce, Adobe XD, Figma

## Projects

### **Dotify ([bit.ly/3dbKrEB](https://bit.ly/3dbKrEB))**

A web music player inspired by the UI of the popular app Spotify (Using no API). I used the MERN Stack & Redux for the global state. There is Account Verification & User Authentication as well as royalty free music. You can create your own playlists, adjust volume & play the music from any page. Multer was used to store the audio files in the database and gridfs-stream to stream the music to the browser.

### **Password Generator & Cipher**

([bit.ly/3Qeipa7](https://bit.ly/3Qeipa7))

For this project I used React. I created the color scheme with color blindness in mind. This project was a bit challenging but very fun to create. The vigenère cipher was the most challenging. I used my whiteboard to write out a tabula recta to create my own formula for the encryption method. This project is also where I got a very good grasp of screen readers and using the aria attributes.

### **Not Another To Do List**

([bit.ly/3zLCZaS](https://bit.ly/3zLCZaS))

Now I know what you are thinking. Another todo list? I've seen so many of these. This project is more complex than you are used to seeing. There is user authentication, redux for the global state, a backend search functionality, a filter, sorting system and a priority system as well as accessibility features. The current version was created just to get the functionality working first and thus does not have the finalized UI.

**References Available Upon Request**