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## TECHNICAL SKILLS

**Languages/frameworks:** JavaScript, React, Redux, Node.js, Express, SQL, Postgres, NoSQL, MongoDB, Python, Flask

**Design:** CSS3, HTML5, SCSS, Figma, Adobe Photoshop

**Misc:** RESTful APIs, Git, Github, TDD, Jest, Jasmine, Supertest, React Testing Library, Agile development

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## EXPERIENCE

**Livestack** | *Full Stack Software Engineer*

May 2020 - Jun 2020

- Developed **React** front end with **Node/ExpressJS** server to provide dynamic client-side routing within a single page application, responsive and intuitive user experience and RESTful server-side data exchange
- Designed custom form & validation schema for event confirmation with **CSS, Bootstrap & Formik**
- Streamlined scheduling & confirming overlapping date/times & updating data over multiple tables in the database by creating custom formatter middleware using **moment** and **moment-range**
- Implemented specialty date picker component using newly-formatted data with React Date Picker library
- Wrote endpoints in **Express** backend API server to update date/time data and confirm creator information
- Wrote custom API utility functions and middleware in the back end to update **SQL** database
- Rigorously tested React components with unit tests & programmatic non-expiring date/time data

**Gladkill Music** | *Web Developer*

Oct 2017 - Mar 2020

- Implemented **React** and React-Router to develop easily navigable single page artist portfolio website application
  - Maintained and updated artist site with **HTML, CSS, Bootstrap & JavaScript**
  - Architected RESTful server-side API with **Node/ExpressJS** with custom ORM for **NoSQL** database
  - Utilized **MongoDB** to simplify data structure through document oriented storage and provide efficient scalability
  - Designed custom graphics for site, albums and ad materials with **Adobe Photoshop & Adobe Illustrator**
  - Set up and maintained domain name and web hosting for artist site
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## OPEN SOURCE PROJECTS

**Career Cat** | *Job Search Application*

- Developed **RESTful API** using **Node** server with **Express**, providing performant user experience while making client-side requests, and allowing users to reliably interact with career cat interface
- Employed **SQL** database to store and manage relational job and company data
- Implemented intuitive client UI using **React, React Router** and **Bootstrap** providing a seamless user experience
- Implemented password security using **Bcrypt**, allowing for secure login and server-side password hashing

**Bulletin** | *Anonymous Message Board Application*

- Developed front end with **React/Redux** to maintain single-source state management providing application scalability
- Built **Express/Node.js** server with custom ORM to save relational post and comment data to **SQL** database
- Utilized **Redux-Thunk** middleware to handle asynchronous actions and maintain pure state management

**Warbler** | *Microblogging Social Networking Application*

- Constructed full stack application utilizing **Flask**, delivering client-side sites using **Jinja, HTML** and **Bootstrap**
  - Connected server with **SQL** database to seamlessly fetch and update relational user data
  - Utilized **SQL** database with **SQLAlchemy** for reliable scalability, complex joins and ease of relational data storage
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## EDUCATION

**Full Sail University** | *BS Music Business, AS Audio Recording & Engineering*

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## INTERESTS

Futurist, synthesizer enthusiast, former audio engineer and sound designer for major artists including Mickey Hart of Grateful Dead, former audio instructor at SAE institute, Internationally touring electronic musician with millions of plays across streaming services, foodie and amateur chef, animal lover, pianist, cinema buff, gamer and avid reader