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SUMMARY

Certified Software Engineer with 3 years of professional software development. Current focus is full stack web development specializing in React/Node and Python/Flask software stacks with a passion for building high quality customer centric solutions.

EDUCATION

University of Georgia

BS Computer Science

GPA 3.6 - Cum Laude graduate. Honors program

Springboard Software Engineering Career Track

- 9-month, 700+ hours of hands-on course material, with 1:1 industry expert mentor oversight, and completion of 4 in-depth portfolio projects. Mastered skills in front-end web development, back-end web development, databases, and data structures and algorithms. Tech stacks React/Nodejs & Flask/Python

SKILLS

LANGUAGES & WEB TECHNOLOGIES: JavaScript, Python, jQuery, Ruby, Java, HTML5/CSS

FRAMEWORKS: React, Node.js, Express, Flask, Rails, Cordova, Bootstrap

DATABASE: SQL, NoSQL (MongoDB, CouchDB, PouchDB)

TOOLS / UTILITIES /ETC: Git/GitHub, Jasmine/Jest/React Testing Library, RESTful API, Responsive Web Design, TDD

RECENT PROJECTS

[Tennis-Central](https://tennis-central.surge.sh/) (<https://tennis-central.surge.sh/>)

A full stack web app (React & Nodejs) that connects Tennis players with similar skill levels & availability for match play

- Server implements full RESTful API and utilizes Sequelize ORM for accessing PostgreSQL database
- Frontend: SPA using React, Bootstrap for styling, Formik for form handling and YUP for form field validation
- Backend: Express/Nodejs w/PostgreSQL DB. Password hashing via bcrypt. User auth using JWT. RESTful API
- Source code and project Readme can be found @ <https://github.com/jetamartin/tennis-central>

[Almost Karaoke](https://almost-karaoke.herokuapp.com/) (<https://almost-karaoke.herokuapp.com/>)

A full stack web app (JavaScript & Flask/Python) that displays YouTube Music Videos alongside the video's lyrics.

- Leverages Google's YouTube API and Genius's Music Lyrics API as data sources
- Frontend: HTML/CSS and JavaScript with Bootstrap styling
- Backend: Flask/Python with PostgreSQL DB. Password hashing via bcrypt. User auth using JWT. RESTful API
- Source code and project Readme can be found @ <https://almost-karaoke.herokuapp.com/>

RELEVANT EXPERIENCE

IBM, Software Engineer, Palo Alto, CA

- Designed & developed Transport layer networking protocol for an OSI based intrabank messaging system
- Led architectural design and code reviews for Transport Layer and related project components
- Implemented a full set of unit and integration test for the Transport layer

MobiSenz Solutions, Founder, San Diego, CA

Software/hardware company whose mission was to create 'smart' solutions by combining intelligent sensor technology & intelligent software developed to run on smart phones and mobile devices.

- Created market segmentation model to identify market opportunities for a wearable sleep analysis solution
- Interviewed potential customers in the targeted market segments to determine their specific requirements
- Created 3-year market forecast for two target market segments to assess revenue potential of target markets