Jacob Lee Kirby

Contact

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Portfolio
kirby-portfolio.com

Proficiencies

Front-End
HTML, CSS, JS, jQuery

Back-End
Node, Express, SQL, NoSQL, API Configuration

Cloud Services
AWS, Heroku, Serverless

UI Frameworks
React, React Native, AngularJS, Vue.js

Design Frameworks
Bootstrap, Material

Testing
Unit, Acceptance, Integration, End-to-End

Git Version Control
GitHub

Work Experience

Web Developer

CareerFoundry Full Stack Program
2020

- Developed various apps using HTML, CSS, and JavaScript frameworks
- Created a movie database REST API that stored user information along with details on a variety of movies using the MERN stack, and created a web app that utilized React to display the user/movie information.
- Constructed a PWA in React that called the Meetup API to display events in a selected location, displayed quantitative data, and was accessible offline.
- Utilized the Angular framework along with the Bootstrap library to create a quiz app that allowed users to select a desired quiz, answer multiple choice questions, and receive a score of their results after completion.
- Created a Todo app using Vue.js and Material Design that allowed users the ability to create tasks, check off tasks when completed, and delete them as well.
- Built a mobile chat application using React Native and Expo that allowed users to send/receive messages, images, and locations while also still being accessible offline.

Mathematics and Band Teacher

Royse City ISD, Azle ISD, Birdville ISD, Fort Worth ISD, Denton ISD
2013-Present

- Instructed students in College Statistics using R to map and display data trends
- Cultivated a remediation course for low-achieving students from the ground up
- Helped the band program outside of school hours as the head marching instructor for 8 marching band seasons, and for 2 indoor winds seasons (2018 World Open-Class Champions)
- Worked as a Home-bound teacher and volunteered for make-up hours/tutoring sessions after school
- Instructed students in 8th grade math curriculum resulting in 11% STAAR score increase
- Organized and sponsored multiple clubs to engage students outside of class
- Took on highest amount of students out of any other math teacher most years
- Instructed students in math ranging from 3rd grade to Seniors at disadvantaged schools

Education & Certifications

- CareerFoundry Coding Full Stack Web Development Program 2020
- Texas Educator Certification, Mathematics 7-12 2015
- University of Texas at Arlington - Bachelor of Science, University Studies focused in Social Sciences, Business, and Arts, December 2014

References

- Available upon request