David Russell

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Summary

An aspiring software developer, recently graduated with a Bachelor of Computer Science. Have 2 years of full-stack web, mobile, and desktop app development experience focused on Node.js, React, MySQL, Firebase, and Flutter. Utilized Agile software development methodologies in both collaborative and solo projects.

My most significant achievement to date is the independent study project I completed in the summer of 2022 which involved the development of two apps, a mobile trivia app and a web admin portal, both sharing a Firebase project. The trivia app was built using Flutter and functions as either a single player or real-time multiplayer game. The questions and categories within the app are populated through the admin portal, built using vanilla JavaScript, HTML, CSS, and Bootstrap on the front-end with Node.js on the back. Completed over the course of three sprints, each a duration of one week, monitored by my instructor for the study. Each step in the process, from the original conception to final testing and deployment, were completed on my own.

Acquired valuable experience working as part of a remote team for two significant course projects, one of which being the capstone. The first was a peer-to-peer Tic-Tac-Toe Java application for which I primarily built the network functionality. The second was a floriculture planning mobile app for which I primarily built the authentication and administration functionality while also managing the Firebase project.

Education

University of Central Oklahoma

Bachelor of Science - BS, Computer Science

Aug 2019 - Dec 2022

3.9 GPA, largely studied through distance learning programs, providing valuable experience in remote communication and development.

Skills

Node.js • React.js • MySQL • REST APIs • Flutter • Firebase • Ubuntu • Nginx • GitHub • Full-Stack Development