

# James Kyle Blackmon

## Software Test Engineer

FL, Delray Beach, USA, 33444 / +15617898833 / kyle@kyleblackmon.com



### Professional summary

Software Test Engineer with over 2 years of experience, adept in full-stack development and cloud computing, excels in creating robust web applications using React.js and React Native. Proven proficiency in deploying scalable solutions on Google Cloud Platform and Microsoft Azure, thriving in agile SCRUM environments to deliver high-quality code efficiently. Eager to apply TypeScript, Python, and REST API skills to drive business success through innovative technology solutions.

### Education

#### Bachelor's, University of Florida

MAY 2024 - PRESENT, GAINESVILLE, FL, USA

### Project Experience

#### Lead Application Developer, Swole Gator

AUG 2023 - APR 2024, GAINESVILLE, FL, USA

- Led the creation of a React Native application for Android, focusing on barbell velocity tracking.
- Innovated the BLE interface for seamless hardware communication.
- Managed and optimized the application's database for efficient data storage and retrieval.
- Integrated social media functionalities to boost user engagement.
- Resolved complex technical issues, contributing to a robust and user-friendly application.

#### C/ASM Developer, Bootloaders

AUG 2023 - DEC 2023, GAINESVILLE, FLORIDA, USA

- Spearheaded the development of Makefile and bootloader programs for x86 and ARM, bolstering system functionality
- Excelled in low-level programming with assembly, resulting in significant code performance optimization
- Deepened expertise in bootloaders and hardware interaction, leading to enhanced system efficiency
- Gained proficiency in bare-metal programming for embedded systems, contributing to system robustness
- Utilized QEMU and gdb for efficient debugging, ensuring smooth system operation

### Skills

Communication Skills (Expert)



Embedded Systems (Experienced)



Python (Skillful)



React.js (Experienced)



C/C++ (Experienced)



React Native (Experienced)



HTML/CSS (Skillful)



JavaScript (Skillful)



REST APIs (Skillful)



Linux/Unix (Experienced)



Docker (Skillful)



Git (Experienced)



Time Management (Experienced)



Automated Testing (Skillful)



### Links

[Portfolio Website](#)

[LinkedIn](#)

[GitHub](#)

## Project Experience

### React.js Developer, Portfolio Website

JAN 2024 - PRESENT, REMOTE

- Spearheaded the creation and execution of a captivating portfolio website utilizing React.js.
- Transformed Figma blueprints into a dynamic web application with meticulous precision.
- Enhanced efficiency by integrating a CI/CD pipeline for website updates via GitHub Actions.
- Addressed and resolved design-to-code translation issues, ensuring a flawless user experience.
- Boosted project turnaround time through the application of innovative deployment strategies.

### Associate React.js Developer, Fleet Application

FEB 2022 - AUG 2022, REMOTE

- Spearheaded UI/UX design for a social media application, enhancing user interaction
- Collaborated in a virtual environment using tools such as Figma, GitHub, and React.js
- Concentrated on screen stack development utilizing React.js
- Instrumental in crafting a platform to boost social interaction among friend groups
- Amplified workflow productivity and improved social connectivity via innovative application development