

Matthew T Kersey

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A self-motivated developer who has shipped production code for large to small organizations as well as successfully finished and sold personal projects. Have published mobile apps and worked on everything and anything in between.

WORK EXPERIENCE

Senior Software Analyst, Daniel's Jewelers, Culver City California (Contract) JAN 2025 - Present

- Conduct in-depth analysis of existing software systems, identifying areas for improvement, optimization, and integration of new features.
- Participate in the quality assurance process by reviewing and validating software functionality against specified requirements.
- Creating system tools to facilitate gaps in the existing software ecosystem.

Software Engineer, Scorebook Live, Spokane WA (Remote) JUL 2020 - SEP 2024

- Maintaining and developing mobile applications for various platforms: iOS, Android and React-Native. Developed React-Native library to track mobile analytics.
- Took over development of Android (Kotlin) and iOS (Swift) mobile apps from company contractor. Developed new Ruby on Rails back-end API calls adding new mobile app features.
- Took existing company mobile application and generalized it to be used as a separate mobile application for various regions, which could be sold as a stand alone product.
- Worked on both front-end and back-end Rails web servers fixing bugs, creating new features as part of the general software life cycle.
- Implemented Test Driven Development (TDD) practices to improve code quality and maintainability, ensuring robust and reliable software.

Lead Quality Engineer, Care Coordination Institute, Greenville SC (Contract) JUN 2019 - JUN 2020

- Responsible for defining, managing and creating development team's testing framework
- Coordinating with providers, managers, development/data team to create reliable and end user friendly software and UX
- Developing test cases and test plans; leading an agile 2-week sprint cycle
- Converting manual QA test cases into automated test cases; folding testing into the continuous integration/build server
- Developing new features, endpoints or improvements to existing applications

Quality Assurance Technician, QS/1, Spartanburg SC

AUG 2018 - JUN 2019

- Validate projects to ensure compliance with corporate quality standards, product specifications, and documentation requirements
- Initiated redesign of automation QA deployment process
- Generated project test scripts utilizing automated testing software to ensure compliance with corporate quality standards, product specifications and documentation requirements
- Automated manual processes outside of the standard testing system to increase the range of testable features

Skills

Languages Ruby, Typescript, Kotlin, Swift, C, Java, Elixir, SQL, Kotlin, Swift, 6502 ASM

Technologies React, Ruby on Rails, Android, iOS, React Native, Android ndk, MySQL, git, bash, AWS, Docker

EDUCATION

University of South Carolina, Spartanburg SC

August 2015 – 2018

area of study

Bachelor of Arts in Computer Science Information Systems

Central Carolina Technical College, Sumter SC

August 2013 – July 2015

area of study

Associate of Arts in Computer Technology

United States Navy

December 2007 – December 2011

Air traffic controller, Second Class