

Kirubel Tesfaye

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Skills

Languages: Dart, Swift, Kotlin, JavaScript, TypeScript, Clojure, ClojureScript, Python,

Technologies: Flutter, React, Firebase, Jenkins, PostgreSQL, MySQL, Git, Bash, Docker, AWS

Experience

Senior Software Developer, Nationwide Mutual Insurance – Columbus, OH

August 2021 – Present

- Analyzed performance bottlenecks in the Flutter-based mobile app, implemented optimizations, resulting in a 30% increase in performance and a 25% boost in user retention
- Led the development of an advanced search feature in the app, collaborated with teams to gather requirements, designed, developed, and tested, improving user experience and reducing friction in finding desired features by 70%
- Spearheaded the creation of a rollover feature for transferring funds from external accounts to Nationwide, achieving 40% user adoption and generating an additional \$6M in revenue
- Provided guidance and mentorship to junior developers on Flutter best practices, conducted code reviews, and facilitated knowledge-sharing, improving team productivity and code quality
- Developed and integrated comprehensive automated testing suites using Flutter's framework, reducing production bugs by 35% and increasing development efficiency, leading to faster release cycles and higher-quality updates
- Expanded user base to 110,000 active users by enhancing app features and user experience, increasing engagement

Projects

Full-Stack developer, JazaCash

JazaCash.com

- Developed a platform to provide zero-interest loans to individuals in Kenya, focusing on enhancing financial accessibility and support
- Implemented backend services using Clojure and Luminus, incorporating JWT authentication for database access
- Designed and managed relational data storage using PostgreSQL, optimizing database queries for performance
- Set up and maintained the production environment on Guix, ensuring stable operations
- Implemented a continuous integration pipeline using Cuirass, automating testing and deployment processes

Tech Lead, DevLaunchers

devlaunchers.org

- Directed the complete redesign and re-architecting of the user onboarding process, collaborating with teams to implement intuitive solutions, resulting in a 50% increase in user retention and satisfaction
- Provided mentorship and guidance to junior developers, conducting code reviews and knowledge-sharing sessions, improving team skills and productivity by 30%
- Improved development workflows by implementing agile methodologies and continuous integration practices, increasing project efficiency by 25%
- Created and distributed educational resources and tutorials, facilitating learning and skill development for over 100 community members
- Oversaw the creation and maintenance of technical documentation, ensuring clarity and accessibility, leading to a 20% reduction in onboarding time for new members

Education

Hamilton College – BS in Computer Science and Art

May 2021