

Robert Kainz

FOUNDER, CTO, SENIOR SOFTWARE ENGINEER

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PROFILE

Full stack developer with 20+ years experience seeking a challenging role that allows me to apply my engineering expertise and leadership skills to drive personal, team and organizational growth while providing an excellent user experience.

SKILLS

- Programming - Java/JEE, React Native (IOS and Android mobile app development), Golang, REST Web Services, Javascript, SQL, PL/SQL, Ruby / RoR, Digital Ledger Technology / Blockchain
- Cloud Computing - GCP, Microservices Architecture
- Tools/Frameworks - Spring/Spring Boot, Apache Camel, JBoss BRMS, WebSphere MQ, WebSphere Message Broker, WebSphere Application Server, Tomcat, RDBMS (Oracle, DB2, PostgreSQL, MySQL), Hedera Java/Javascript/Go SDK APIs (Hedera Consensus Service, Hedera Token Service, Hedera File Service and Hedera Smart Contract Service), Hibernate, Docker
- Development - Requirements analysis, software design and implementation, database and application server analysis, design and implementation, hardware / software / OS integration, testing, documentation, and developer training.

EXPERIENCE

FOUNDER, CTO, LEAD SOFTWARE DEVELOPER, LEDGERAMA LLC; SAVANNAH, GA – 2019-PRESENT

- Designed, developed and promoted Wallawallet, a 5-star mobile crypto wallet app for the Hedera ecosystem on IOS and Android devices.
- Led a product development team overseeing two software engineers, two designers and two quality assurance engineers after a grant from the HBAR Foundation focusing on Wallawallet improvements, including NFT support and aesthetic enhancements.
- Cofounded the HBAR Foundry with Ledgerama CEO Jeremy Fletcher and Hedera collaborators.
- Reviewed and amended contracts for 3rd party business relationships.

SENIOR SOFTWARE ENGINEER, CLIENT RAILINC CORP; CARY, NC - 2012-2018

- Created a highly scalable, performant, self-healing Data Summary Engine that processes and intelligently replays historical messages when needed to provide near real-time summaries for North American railway cars near real-time.
- Optimized the Data Summary Engine's processing throughput to handle millions of daily messages through profiling and issue resolution.
- Developed the Alert Engine microservice, utilizing business rules to generate alerts from incoming railway car data summaries.
- Enhanced functionality and resolved issues in critical applications including Equipment Health Management System (EHMS) and Damaged and Defective Car Tracking System (DDCTS).
- Authored extensive technical documentation for the Data Summary Engine at all development stages.
- Actively participated in code reviews, design meetings, and collaborated on project estimations with cross-functional teams.

EDUCATION

North Carolina State University, Raleigh, NC - B.S. Computer Science, 1997

Virginia Tech, Blacksburg, VA - B.A. Communications, 1993

PATENTS

- 8001481 (August 16, 2011) Implementation of an interactive progress bar in a test application environment.

TRAINING

- Sun Certified JAVA Programmer 1.1.
- IBM Certified Solution Developer, IBM WebSphere Application Server, Standard Edition, V2.
- Completed the IBM WebSphere Application Server Development - Mentored Workshop.
- Completed the ESRI Building Geodatabases I course.
- Completed Introduction to Web Services with IBM Rational Application Developer V6.0 XM281 on 2007-04-03.
- Completed Intermediate Web Services with IBM Rational Application Developer XM481 on 2007-04-06.
- Completed the Obtiva Ruby on Rails TDD Boot Camp in June, 2007.

