

# Kristijan Rebernisak

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<https://github.com/krebernisak>

## INTERESTS & PROFICIENCY

- ▶ Proficient in Java, JavaScript and Solidity, some experience in Kotlin/Swift, Python and familiar with C, C++, C#, MATLAB, Ruby and many others
- ▶ Well experienced in building web, native Android and hybrid mobile applications
- ▶ Relational databases and object-relational mapping (SQL, Hibernate, JDO, JPA)
- ▶ Non-Relational databases (Blockchain, Firebase, Redis, Elasticsearch)
- ▶ General knowledge of cryptography and network security
- ▶ Tools: Git, Mercurial, Gradle, Maven, Ant, UNIX/Linux
- ▶ Object-oriented design, Domain Driven Design, Test Driven Design, Functional programming

## WORK EXPERIENCE

### **RunningBeta** Co-Founder and Technical Lead, Aug 2017 - Present

- ▶ Distributed protocol design and system architecture
- ▶ Ethereum development, token economics, and mechanism design research and prototyping
- ▶ Technologies: Bitcoin, Ethereum, Solidity, JavaScript, TypeScript, Truffle, web3.js, IPFS, React, Redux, Reactive Streams, Python

### **Tolar HashNET** Smart Contract Engineer and Technical Advisor, Mar 2018 - Mar 2019

- ▶ Advising on and development of Tolar fundraising smart contract Ethereum infrastructure
- ▶ Technologies: Ethereum, Solidity, JavaScript, TypeScript, React, Redux, Reactive Streams

### **Bellabeat** Mobile Team Lead and System Architect, Sep 2015 – Mar 2017

- ▶ Lead a team of 10 engineers (iOS, Android, QA)
- ▶ High-level system architecture and technology strategy design and implementation
- ▶ Core Java shared (Android, Backend, iOS - J2Objc) library architecture, and implementation
- ▶ Pushed adoption of functional-reactive programming on multiple projects and platforms
- ▶ Technologies: Java/Kotlin, Android SDK, Bluetooth LE, Reactive Streams (RxJava, RxSwift), Firebase, J2Objc, Elasticsearch

### **ShoutEm** Android Developer, May 2013 - Sep 2015

- ▶ Design and develop a hybrid Android/iOS/HTML5 mobile app with thousands of users
- ▶ Assisted in architecture planning and building of an in-house data collecting system
- ▶ Technologies: Java, Android SDK/NDK, Apache Cordova, HTML5/CSS, JavaScript, Node.js, Elasticsearch, Ruby, Python

### **FIVE** Android Developer, November 2012 – May 2013

- ▶ Developing Android apps for enterprises like Allianz, The Hearst Corporation, Konzum and startups like Fogg Mobile and Visiobike.
- ▶ Technologies: Android SDK/NDK, Maven, Ant, RoboGuice, Otto, kSOAP 2, Bluetooth, SQL

### **Real Networks** Java EE Developer, February 2011 - November 2012

- ▶ Media Entertainment Platform providing music and ringtones to mobile carrier users
- ▶ Implemented features for major mobile carriers in the US (MetroPCS, Verizon, Sprint) and EU
- ▶ Technologies: J2EE, JSP, SOAP, WSDL, JBoss Portal, Tomcat, Spring, Ant, Solr, Maven, SAML 2.0

## EDUCATION

### **MASTER OF SCIENCE IN COMPUTER SCIENCE** June 2011

Faculty of electrical engineering and computing, University of Zagreb