

Subin Babu

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An accomplished android developer with 4+ years of experience with focus on object-oriented approach for application development. Extensive knowledge in complete software design life cycle. Hard-working and diligent. Able to handle multiple projects simultaneously and meet tight deadlines. Appreciated for good teamwork and leadership skills.

Experience

Rolta India Pvt Ltd, Mumbai (India) - *Software Engineer*

March 2014 - August 2015

Successfully proposed 3 additional modules to the existing software solution. Collaborated with the QA team to develop 67 additional test cases for the project. Migrated the project from legacy android code to the latest coding standard. Collaborated with the design team to develop all 37 redesigned screens. Reduced network data by 30% by redesigning the existing network library used in the project.

Quinnox Inc., Mumbai (India) - *Software Engineer*

July 2011 - March 2014

Helped design the two biggest applications during my tenure in the company. Reduced rendering time for multiple content-heavy screens by up to 40% by implementing network call caching. Fixed 250+ bugs in 4 different projects. Trained 3 new team members in the various projects for the department. Youngest recipient of the “Star Performed Award” at the time.

Academics

University of Texas at Arlington - *Master of Science in Computer Science*

August 2015 - present

SIES Graduate School of Technology, Nerul, Mumbai (India) - *Bachelor of Engineering in Information Technology*

August 2007 - June 2011

Projects

SiRiusS FTP (*Team Size: 3, Technology: JAVA, AWS, Type: academic*)

- Designed and developed a client-server application using FTP protocol.
- Handling multiple upload and downloads from same and different clients.
- Implemented locking (writers have higher priority version 2) to ensure file integrity.

Online dropbox-like service with encryption (*Team Size: 1, Technology: IBM Bluemix, Python, Type: academic*)

- Built an application like dropbox on IBM Bluemix cloud platform.
- Basic file upload service features - File upload, browse, view, delete and retrieval application
- Files were encrypted and stored on to the cloud container of IBM Bluemix and decrypted on demand as and when users demanded it.
- File versioning was maintained.

Rolta Digital Soldier System (RDSS) (*Team Size: 30+, Technology: JAVA, Android, Python, Type: work*)

- Rewrote app to migrate it from legacy version of android.
- Developed numerous prototypes related to mobile radio communications and effective small display UI.
- Developed additional libraries for data persistence, radio wireless communication, custom 512-bit data encryption

CoreBlue - Customer facing app for finding products in store (*Team Size: 7, Technology: JAVA, Android, Type: work*)

- Designed the initial architecture of the entire application.
- Designed, developed and tested several modules within the app with sole ownership on many of them.
- Wrote several custom implementations of Android framework components to be used in the application.

GeekSquad TechChecker - Diagnostic app for android devices (*Team Size: 5, Technology: JAVA, Android, Type: work*)

- Sole ownership of multiple modules within the application
- Debugged 90+ bugs across difference bug reports spanning 2 weeks of unit testing.
- Developed several hacks to get around the API restrictions by Android in order to test the various hardware components.

Skills

Languages:

Java/J2EE, Python, HTML5, CSS 3, SQL, MongoDB, PLSQL, SQLite, iOS, C++, JavaScript, JQuery

Frameworks:

Android, Flask, ReactJS, AngularJS, Android NDK, Spring and Hibernate.

Development Tools:

GIT, SVN, Junit, Maven, MySQL and log4j.

Miscellaneous Tools:

Adobe Photoshop, Microsoft Office Suite

Awards

Star Performer award - Awarded by Quinnox Inc. for excellent work performance.

Best Delivery Team - Awarded by Quinnox Inc. for excellent year round performance at work.

Chairman's Innovation Award - Awarded by BESTBUY for delivering the most innovative technology solution for 2013.