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Bangalore 560076

KARAN AGGARWAL

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CAREER SUMMARY

- 3 Years 10 Months of professional experience with an in-depth knowledge of Object Oriented Programming concepts.
- Proven record of developing new modules from scratch.
- Good interpersonal skills always focus to deliver quality on time with co-operation from team members.
- B.Tech in Information Technology from Indraprastha(IP) University, New Delhi.

Languages and Technologies

- Good knowledge of Java and Design Patterns
- Currently working on Android Application and Platform development
- Previously Worked on C++, SQL, jsp/servlet, JavaScript, XML (XSD) Schema
- Frameworks used: Android Application Framework, Android Porting, Spring Framework

EMPLOYMENT

Senior Software Engineer   **Samsung Research India Bangalore**   **OCT 2011 - Present**

KNOX Commercialization for Galaxy Note 3[MDM Framework](MAR 2013 – Present)
- Worked on Mobile Device Management [MDM] Module. The purpose of this module is to enable Android device in Enterprise Environment, be controlled by over the air commands from remote server.
- Worked on tools like Odin for flashing modified custom AOSP Binaries.
- Worked on the Android Open Source Platform (AOSP) below the Application layer, including modifying Android itself.
- *Traveled to South Korea* to work with Head Quarter Team on new policies to be added in MDM.
- *Technical Environment:* Java, Android Framework layer.

Security Content Automation Protocol(SCAP) Implementation in Android (MAR 2012 – MAR 2013)
- Analyzed various existing Open Vulnerability and Assessment Language (OVAL) tools like OVALdi and jOVAL.
- Implemented and Designed complete data collection module and 50 percent of Engine Module of Oval.
- Recognized for successfully integrating third party XML Validation library in Android sdk which is not supported by Android JELLY BEAN. This work eliminated the need for a separate project being started on XML Framework for Android sdk.
- *Technical Environment:* Java, Android Application layer.

UI Framework Prototype (OCT 2011 – MAR 2012)
- Promoted to Senior Software Engineer in Mar, 2012.
- Implemented complete module (JsTree) including various JQuery plugins.
- Presented Design Principles and Patterns to the team with intension of displaying power of using patterns.
- Presented Spring Framework to the group with intension of making people aware of its utilities.
- *Technical Environment*: J2EE, Spring, hibernate, JavaScript, JQuery, Ajax.

Software Engineer   **HCL Technologies**   **DEC 2009 – OCT 2011**

DB Deut-Risk Matrix
Deutsche Bank, Germany
- Implemented complete module on XML extraction from upstream system by analyzing new XML parsing tool VD-XML, reducing data extraction time by 90 percent.
- Implemented utility tool for Blob transfer between databases, decreased data transfer time by 75 percent.
- Implemented and designed new Module adding new Market type Inflation.
- Helped companions with Unit testing and Regression testing for new Modules.
- Held the role of Alt Configuration Controller. Providing support to companions in Versioning activities.
- *Technical Environment:* Java, C++, shell scripting.

EDUCATION

- Graduate Coursework: Software Foundations; Data Structure; Algorithms; Databases; Programming Languages
- B.Tech in Information Technology from Bharati Vidyapeeth College of Engineering, New Delhi
   Course Timeframe: Jun 2005 – May 2009 Percentage: 70.56
- Pre-university/HSC from Bal Bharati Public School,Brij Vihar, Uttar Pradesh with 75% of aggregate
- SSC from Holy Angel's School, Ghaziabaad, Uttar Pradesh with 74% of aggregate

ADDITIONAL EXPERIENCE AND AWARDS

- Created Board Game (i.e. Advanced TIC TAC TOE) on Android Application Framework in Aug, 2013.
- Awarded Certificate for Excellent Performance in month of Jan, 2012 at HCL Technologies.
- Received Certificate of successful Participation in 4th and 5th National Science Olympiad 2002/3 held by Science Olympiad Foundation.
- Obtained 13th rank C++ PROCOM Quiz Contest in DELHI region held in 2003.

Place: Bangalore.   (Karan Aggarwal)
Dated: