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SHASHANK REDDY

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SUMMARY

Over 2 years professional experience in developing enterprise Java applications with additional proficiency in Android and MEN (MongoDB, ExpressJS and Node.js) stack.

EMPLOYMENT

Java Developer	Discover Financial Services (Capgemini) Chicago, IL	Mar 2014 - Present
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CRM

- Developed distributed and scalable REST services for CRM (Customer Relationship Management) application using Java/J2EE (Jersey) and Hibernate.
- Reduced average ideal account origination time from 1300 ms to under 750 ms.
- Implemented code in Java to integrate IVR (Interactive Voice Response) system with the CRM.
Additional details withheld due to NDA.

tinnt!: DevOps Accelerator Tool

- Designed and Developed DevOps accelerator tool with integrated automated API testing, application performance monitoring, logs retriever and several other features.
Technologies used: J2EE-Struts2, HTML5, CSS3, JavaScript (jQuery, Bootstrap)

Co-Op	ESI US R&D, Inc. Huntsville, AL	Jan 2013 – Dec 2013
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Project diePythonDie

- Converted over 6,000 lines of legacy Python code to Java.

Statistics SVN

- Developed web-based tool in Java to help measure and visualize the developer contribution at ESI based on Subversion logs.
- Implemented test scripts in JUnit to test the functionality of CFD-VIEW, a fluid dynamics simulation product of ESI.

Software Engineering Intern	NMIT Bangalore, India	Summer 2011
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ERP on Cloud Architecture

- Led the team of five; designed, developed and deployed fully featured ERP Solution with bidirectional SMS capabilities using Java/J2EE, HTML5, CSS & JavaScript on Microsoft's Windows Azure cloud platform.
- Project was successfully implemented at NMIT with over 2000 students and 55 faculty members as part of the pilot testing.

LANGUAGES AND TECHNOLOGIES

- **Languages:** Java-J2EE (REST-Jersey, Struts2, Hibernate, JUnit); Objective-C;
- **Databases:** MS SQL, MySQL, SQL Azure, mongoDB (NoSQL)
- **ORM:** Hibernate, mongoose (for MongoDB)
- **Development Tools:** Eclipse; IBM Rational Application Developer for WebSphere; Xcode; Microsoft SQL Server; Git; Maven
- **Cloud Services:** heroku, Windows Azure, Amazon AWS (S3, EC2 & RDS) and OpenShift by redhat
- **Other Technologies:** Node.js, Android, iOS Development and Hadoop (MapReduce, PIG, Hive);
- **Servers:** Tomcat; Apache; IBM WebSphere

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- **Platforms:** UNIX/Linux; Mac OS X; Windows; iOS; Android

TECHNICAL EXPERIENCE

Certifications

- **Oracle Certified Professional, Java 6 Programmer (OCPJP);** Secured 96% in the certification exam.

Projects

- **localtask.** Ongoing: Connects users with service providers based on the location.
 - Node.js and ExpressJS for REST, MongoDB (with mongoose as ORM), Android, OpenShift by redhat
- **Sixer.** Ongoing: Sixer is a VoIP application for Android and iOS devices. Backend REST services are developed in Java (Jersey) and are hosted on heroku.
 - Java-J2EE (RESTful Services with Jersey), Android, iOS (Objective C), heroku
- **Air Media :** Client-Server application based on Multicast Service Discovery Protocol.
 - Java
- **Bullet Video Call:** Ultra secure WebRTC based video call application for iPad. Authentication is performed using a secure .bullet file. Implemented RSA and AES algorithms as part of the security layer.
 - iOS (Objective C), php
- **Data Mining:** Implemented Bisecting K-Means, Decision Tree and Naïve Bayes classifier Data Mining algorithms in Java.
- **Big Data Analysis:** Analyzed healthcare dataset using MapReduce programming on the Cloudera's CDH4 Hadoop distribution.
 - Java, Hadoop

ADDITIONAL EXPERIENCE AND AWARDS

- **TCS TechBytes Finalist.** Among five Bangalore city finalists of the TCS TechBytes 2011 technology quiz competition held by Tata Consultancy Services, which had over 25,000 participants.

EDUCATION

Huntsville, AL	University Of Alabama in Huntsville	Aug 2012 – Dec 2013
<ul style="list-style-type: none">• M.S in Computer Science, Dec 2013. GPA: 3.54• Coursework: Advanced design and analysis of algorithms, Advanced OS, Data Mining, Advanced Computer Networks and Security.		
Bangalore, India	Visvesvaraya Technological University	Aug 2008 – Jun 2012
<ul style="list-style-type: none">• B.E in Computer Science and Engineering, Jun 2012. GPA: 7.86/10.00• Coursework: Data Structures, Design and analysis of algorithms, Computer Architecture, Database design using MS SQL, Programming in Java.		
