MEDHAVI MAHANSARIA

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Available: **Jan - Aug 2017**

EDUCATION SUMMARY

Northeastern University, Boston, MA
College of Computer and Information Science   Sept 2015 - Present
Candidate for Master of Science in Computer Science, GPA 3.5/4   Expected Graduation: Aug 2017
Related Coursework: Programming Design Paradigm, Artificial Intelligence, Web Development, Algorithms
Activities: Head Graduate Teaching Assistant for Discrete Structures course and
                        Graduate Teaching Assistant for Theory of Computation course.

Bangalore Institute of Technology, Bangalore, India
Bachelor of Engineering in Information Science, GPA 7.2/10   Sept 2008 - June 2012
Related Coursework: C/C++, C#, .NET, Web Designing, DBMS, Algorithms, Computer Graphics, Java,
                        Unix Programming, Object Oriented Programming, Operating Systems, Networks

TECHNICAL KNOWLEDGE

Languages:	C/C++, Java/J2EE, Perl, Shell scripting, Python, C#, Jasper, BIRT
Systems:	UNIX, Linux, AIX, Solaris, Windows (98/XP/Vista/7), Mac OS X
Software:	Visual Studio, MyEclipse, VPN, SOCI
Databases:	Oracle (9i, 10, 11, 12), DB2, PostgreSQL, SQL, PL/SQL, MySQL, JDBC
Web Technologies:	JavaScript, jQuery, JSON, AJAX, AngularJS, NodeJS, Bootstrap, HTML, CSS, Apache Tomcat
Tools:	GDB, DBX, Make, SVN, GIT, Jira
Certifications:	N+, CCNA, CEH

WORK EXPERIENCE

Cogitas Consulting LLC, Boston, MA   May – Aug 2016
Junior Software Engineer Intern
- Developed multiple APIs and Windows Service, for a beverage ordering mobile application called Rhythm, using C#, Azure and MongoDB

TATA Consultancy Services Pvt Ltd., Bangalore, India   Dec 2012 – July 2015
Systems Engineer
- Implemented Anti-Money Laundering (AML) product and provided technical and customer support for Customer Watchlist Scanning, Transaction Monitoring, Customer Risk and Regualtory Reporting in Punjab National Bank (India's second largest bank) and Abu Dhabi Commercial Bank
- Managed AML off-shore technical support operations using VPN for Khan Bank (Mongolia's largest bank)
- Designed and developed Regulatory Reports for AML and FATCA Compliance product using Jasper, BIRT, Shell scripting and Oracle to meet Compliance requirements and avoid penalties in Lakhs of INR for the organization
- Programmed the AML product to be compatible with all versions of databases of Oracle, DB2 and PostgreSQL using open source SOCI, resulting in increase in customer responses and also doubling the profits for the project
- Benchmarked the AML product on Linux OS in C++, Perl, Shell scripting, Oracle, Java, JDK 1.2.2, Tomcat and Apache 2.2.22, to simulate production environment and to enhance performance
- Led a Quality Assurance team of 5 associates to ensure development standards and SDLC process compliance

ACADEMIC PROJECTS

Northeastern University, Boston, MA
Prismatic Music   Jan – Apr 2016
- Designed and programmed a music website that helps the user search and play a particular music based on name, artist, album, genre, using JavaScript, jQuery, JSON, AJAX, AngularJS, NodeJS, Bootstrap, HTML, CSS
- Web Link: http://webdev2016-mahansariamedhav.rhcloud.com/

Agent Playing Blackjack with Advice   Nov – Dec 2016
- Designed and programmed an agent which plays Blackjack and also provides advice to the user as to which move to make next using the Artificial Intelligence concepts such as Q-Learning using Java and Swings

INTERESTS / ACTIVITIES

- Initiated various voluntary activities such as a breast cancer awareness program and Anaemia prevention program
- Also interested in swimming, travelling, photography, badminton, basketball, dancing and singing