

Pranshu Pancholi

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EDUCATION

Master of Science, Computer Science	[Expected: Dec 2016]
University at Buffalo, The State University of New York	[GPA: 3.2]
Bachelor of Engineering, Information Technology	[May 2012]
Institute of Engineering & Technology, Devi Ahilya University, Indore, India	
Honors: First Division with Distinction (Top 10% of the batch)	[Percentage: 77.11%]

TECHNICAL SKILLS

Programming Languages: C, C++, Java, JavaScript, Python, PHP.

Web Technologies: J2EE, XHTML, HTML5, CSS, XPath, Ajax, JSON.

Technologies & Tools: JSF, Hibernate, SQL, Android SDK, Eclipse, Android Studio, AWS, Oracle MDM, GitHub, HP Quality Center, JIRA, Clover, SonarQube, MySQL, TOAD for Oracle, Oracle SQL Developer, Serena Dimensions, Tortoise SVN, Putty.

WORK EXPERIENCE

Accenture, Mumbai	3 years, 1 month: June 2012 – July 2015
<i>Software Engineering Analyst</i>	
Received <i>GRID Champion Award</i> for excellence in Knowledge Sharing: Sep 2014	
<u>Project: Meter Data Management (MDM) (Apr 2013 – July 2015)</u>	[Skills: Oracle MDM, Java, Hibernate] [Client: Duke Energy]

- Performed development of Commissioning, VEE (Validate, Edit and Estimate), Certification, Billing, SGG (Smart Grid Gateway) modules of MDM in 3 successful releases of the project.
- Boosted efficiency by implementing batch jobs in java that significantly reduced the human effort.
- Implemented algorithms in Java and XPath scripts in several modules of the project using OUA framework.
- Created Detailed Design document for the requirements, fixed numerous defects and performed Unit Testing.

<u>Project: Meta Data Management System (MDMS) (Sep 2012 – Mar 2013)</u>	[Skills: Java, JSF, EJB, Hibernate, Junit] [Client: Credit Suisse]
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- Developed code in 2 modules of the project in JSF framework and EJB using Java Application Platform.
- Developed Junit Test cases using Easy Mock framework and increased the code coverage from 30% to 95%.
- Fixed numerous defects during testing phase and received performance points for developing 2 complex UI.

SELECTED ACADEMIC PROJECTS

Multilingual Search System for Tweets and Evaluation of IR Models	[Java, Apache Solr Sep 2015 – Dec 2015]
<ul style="list-style-type: none">• Crawled twitter public API through Java to collect tweets in 5 languages and built a UI of the search system.• Indexed the tweets and implemented VSM, BM25 and language models in Solr and evaluated the results using TREC_eval program. Improved the performance of the system by implementing query translation, expansion etc.• Performed cross lingual analysis by doing language detection and translation of the query using Bing Translator API.	

Graduate School Recommendation System	[Android, PHP Sep 2015 – Dec 2015]
<ul style="list-style-type: none">• Developed an Android application for suggesting universities and providing university specific information to graduate students applying in US.• Gathered the requirements, created detailed design and performed unit testing and functional testing of the app.• Developed the app in Android Studio using XML for UI design and PHP for back-end processing and deployed the app on Amazon AWS EC2.	