**SUVADEEP CHAUDHURI**

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**EDUCATION**

**Master of Science in Computer Science** *May 2018*

University of Florida, Gainesville, FL *[GPA: 3.66/4.0\*]*

**Bachelor of Engineering in Computer Science** *May 2012*

University of Pune, Pune, MH, India *First Class*

**SKILLS**

**Software Languages**: Java, C, C#, C++, PL/SQL, Python

**Scripting Languages**: VBScript, Windows Batch Scripting, PowerShell Scripting

**Web & Other Technologies:** JavaScript, HTML, CSS, JSP, AJAX, JSON, XML, TCP/IP

**Databases:** Oracle 11g, MySQL

**Tools and Operating Systems:** Git, Eclipse, Linux, Windows, XINU

**Products:** Oracle Hyperion Suite, Oracle Certified Essbase Implementation Specialist (1Z0-531)

**WORK EXPERIENCE**

**Software Engineer *- Accenture Services Pvt. Ltd.,*** Chennai, India *January 2013 – July 2016*

* Developed and managed Oracle Hyperion Financial Management (HFM) applications and reports for large Pharma clients.
* Managed data in multi-dimensional (Essbase), relational databases (Oracle DB) and HFM suite at the company consolidation level.
* Conducted and handled international client meetings and mentored associate software engineers in projects.

**Intern *- Blue Shores Solutions Pvt. Ltd.,*** Pune, India *October 2011 – June 2012*

* Developed an Android Application: Voice recognition in ambient noise.
* Integrated multiple widgets in the application in order to leverage voice controls.

**TECHNICAL PROJECTS**

***P2P File Sharing software*** (University of Florida) *January 2017-April 2017*

* Implemented the P2P software as per described protocols to share files over a network.
* *Resources Used / Skills Gained:* **[Java, Networking Concepts]**

***Internet of Things (IOT) – Smart devices using XINU*** (University of Florida) *September 2016 – December 2016*

* Designed Device drivers for sensors and actuators in XINU OS. Implemented Cloud-Edge-Beneath model of IOT implementation to trigger devices based on the sensor data. Created an interactive web-interface for client via the cloud.
* *Resources Used / Skills Gained:* **[C, XINU OS, Java Servlet, Tomcat server, CEB IOT model, jQuery, Bootstrap, HTML, CSS]**

***Max-Fibonacci heap as Hashtag Counter*** (University of Florida) *September 2016 – December 2016*

* Designed an application to simulate the count of most occurring Hashtags in social media using a max-Fibonacci heap.
* *Resources Used / Skills Gained:* **[Java, Advanced Data Structures]**

***Data/Metadata Load and Management for New HFM 11.1.2.4*** (Accenture) *March 2016 – May 2016*

* Automated the process of data/metadata dumps into Oracle HFM. Reduced the process time by 50% across environments.
* *Resources Used / Skills Gained:* **[Java, HFM Java API, SQL, PL/SQL]**

***.Net Based Journal Entry Module (***Accenture)  *January 2016 – March 2016*

* Enhanced the web based Journal Entry (JE) to create a robust report generator and check-layer that incorporated complex verification logic as per business rules. Created a feature to edit JE using Excel templates; handled reconciliation of redundant reports in the server and incompatible versions of the Excel Template on uploads.
* *Resources Used / Skills Gained:* **[JavaScript, CSS, HTML, C# .Net, PL/SQL]**

***Essbase Application Backup and restore*** (Accenture)  *April 2016 – June 2016*

* Created application that iteratively backed-up, restored Essbase Financial applications on remote servers.
* The application achieved a speed up of the same manual process by 70-75%.
* *Resources Used / Skills Gained:* **[Java, Spring, XML, BAT, MaxL, MDX, PowerShell]**

***Maintenance and Migration application*** (Accenture)  *July 2015 – November 2015*

* Developed a Java UI application that performed maintenance for applications in the Oracle Hyperion Suite.
* The application resolved all the server/environment dependencies on the fly in order to facilitate minimum down time.
* *Resources Used / Skills Gained:* **[Java, AWT, Spring, FDM VB-API, Shared Services and Essbase-Java API, SQL]**

***Access and Security Portal (Agile Project)*** (Accenture)  *December 2013 – April 2014*

* Part of Agile team that developed an automated multi-tier Web-service in 20 weeks. The service on deployment enabled ~5000 users to gain access to various applications within the HFM suite.
* *Resources Used / Skills Gained:* **[Oracle DB, Java, Hyperion Application APIs, SQL, PL/SQL, PowerShell, BAT, Jython, ODI]**

***Voice Recognition in Ambient Noise*** (Blue Shores) *October 2011 – May 2012*

* Designed audio filtering and recognition feature in an Android application that reads out news/feeds. The speech to text engine recognized “proprietary” voice commands even in the presence of ambient noise and phone speaker output in the background.
* Used Java wrapper classes for native C libraries. Included Facebook, RSS, Weather, Calendar integration.
* *Resources Used / Skills Gained:* **[Java, JSON, CMU Sphinx, Speex, Facebook Graph API, SQL]**

**AWARDS (Professional):**

* Accenture High Performance delivery Award *FY15 (Team)*
* Accenture CICON Award for Outstanding Client Value Creation *Q4,F14 (Individual)*
* Accenture LS INDIGO Award for Champion Team *Q4, FY13 (Team)*
* Accenture Celebrating Performance Spot Awards *FY14,15,16 (Individual)*