

# SUVADEEP CHAUDHURI

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## EDUCATION

### Master of Science in Computer Science

University of Florida, Gainesville, FL

May 2018

[GPA: 3.50/4.0\*]

### Bachelor of Engineering in Computer Science

University of Pune, Pune, MH, India

May 2012

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, JSON, XML, HTTP, RESTful

**Databases:** Oracle 11g, MySQL

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

**Products:** AWS S3, Cloudfront, Lambda, EC2, Oracle Hyperion, Oracle Certified Essbase Implementation Specialist (1Z0-531)

## WORK EXPERIENCE

### Systems Application Developer Intern – Gallup, Omaha, NE

May 2017 – August 2017

- Worked in the web application development team for the management consulting application.

### 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 a widget based Android Application: Voice recognition in ambient noise.

## KEY TECHNICAL PROJECTS

### Gallup Technology Internship (Gallup)

May 2017-August 2017

- Designed application code using **AWS S3, Cloudfront Java APIs, Lambda, DynamoDB, Handlebars, Mustache, JSON, RESTful** services using **JAX-RS**, asynchronous programming using **Futures**. Extensively used **Java 1.8** features in middleware code.

### 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 application for HFM 11.1.2.4 and Essbase (Accenture)

March 2016 – May 2016

- Automated the process of data/metadata/resource dumps to and from Oracle HFM and Essbase across environments. Reduced the process time by 50% across environments.

**Resources Used / Skills Gained: [Java, HFM Java API, SQL, MaxL, MDX, Powershell, 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]**

### 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
- Accenture CICON Award for Outstanding Client Value Creation
- Accenture LS INDIGO Award for Champion Team
- Accenture Celebrating Performance Spot Awards

FY15 (Team)

Q4,F14 (Individual)

Q4, FY13 (Team)

FY14,15,16 (Individual)