Mitun Jose George

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---EDUCATION---

- **University of Southern California, Los Angeles, CA** M.S. (Computer Science) [GPA:3.61] Dec. 2017
- **MG University College of Engineering, India** B.Tech (Computer Science) [GPA:3.87] May. 2012

<u>Coursework:</u> Algorithms, Data Management, Web Tech, Software Architecture, Database Systems
<u>Organizations/Activities:</u> USC Graduate Students Mentor, Hyperloop@USC

---SKILL SET---

- **Programming System:** Java, Python, C, C++, C#
- **Web Development:** JavaScript, HTML5, CSS and Bootstrap, PHP, JSON, AJAX, jQuery, AngularJS, Node.js Ember.js, React.js
- **Tools:** Eclipse, NetBeans, Visual Studio, SharePoint, SQL Developer, SAP ECC 6.0
- **Automation Tools:** Selenium IDE, QTP, QC, ATAF
- **Databases:** MySQL, Oracle, NoSQL
- **Open Source Frameworks**: Spring, Hibernate
- **Big Data Ecosystems**: Hadoop, MapReduce, HDFS, Apache Spark, Cassandra, Chukwa

---WORK EXPERIENCE---

Software Engineering Analyst - *Accenture*   *Dec 2012 to Aug 2016*

- Improved the performance of Freeport McMorran CAS application system for contract requests and administration of contracts through major break fixes and enhancements.
- Created sites to organize and summarize monthly ticket data using **Ember.js**, **D3.js** and **MySql**.
- Developed web applications to access and display data needed by support teams using **Ajax, JavaScript, JQuery, Angular.js, Node.js, Java, CSS** and **HTML**
- Involved in writing application level code to interact with API's and RESTful web services
- Extensive experience in **SQL, PL/SQL programming, stored procedures, triggers** and **Query optimization** with Oracle, MS-SQL and MySQL databases.
- Performed the migration of Supply Chain Management(SCM) applications to the cloud using Microsoft Azure.
- Created Automation test scripts for testing SAP MM and WM modules using Automation testing tool like **QTP, ATAF**
- Worked on integration between various systems like CAS, ORAS connecting **SAP** via **IDOCs**

Grader- *University of Southern California, Los Angeles*   *May 2017 to Present*

- Responsible for solving queries of around 300 students and grading their assignments for course CSCI 571 – Web Technologies

---ACADEMIC PROJECTS---

Facebook Search: Developed a responsive website and hosted it on **AWS** that allows to search for information about a set of Facebook entities (i.e., users, pages, events, places, and groups) using the Facebook Graph API. Implemented server-side scripting using **PHP** and used **JSON, jQuery, AJAX, AngularJS, Bootstrap, Facebook Graph API** and **Google Geocoding API.**

Uber Data Analysis: Performed analysis on the Uber dataset in **Hadoop** using **MapReduce** in **Java** and **Apache Spark** using **Scala**. Reported the days in which each basement has more trips and days in which each basement has more number of active vehicles.

Android app: Developed an Android application which fetches the API data through **PHP** script hosted on AWS through **AsyncTask** and displays the results of the Facebook Search. Implemented 'Favorites' feature using **shared preferences**.

Social Connector: Developed a connector which enabled real time communication between a stack of systems with "*Publish Subscribe*" architecture using **JMS**(Java Messaging Service) and **Webhooks**. The publisher, *Facebook,* published events on JMS and notification related to event was broadcasted to all the consumers namely, *LinkedIn*, *Spotify*, *Google Maps* and *Calendar* which responded accordingly to the event.

---ACCOLADES RECEIVED---

- Received Highest Academic Scorer award - Computer Science 2008-2012
- Received Achiever of the month award for April 2015 from the Freeport Mcmoran Client Account Lead in Accenture