

Mitun Jose George

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-----EDUCATION-----

- **University of Southern California, Los Angeles, CA** M.S. (Computer Science) [GPA:3.61] May. 2018
- **MG University College of Engineering, India** B.Tech (Computer Science) [GPA:3.87] May. 2012

Coursework: Algorithms, Web Tech, Software Architecture, Database Systems, Information Retrieval

Organizations/Activities: USC Graduate Students Mentor, Hyperloop@USC

-----SKILL SET-----

Programming System: Java, Python, C, C++, C#.

Web Development: JavaScript, HTML5, CSS and Bootstrap.

JS Frameworks: AngularJS, Node.js, Ember.js, React.js.

Databases: MySQL, Oracle, NoSQL, MongoDB, Amazon DynamoDB.

Automation Tools: Selenium IDE, QTP, QC, ATAF.

Tools: Eclipse, NetBeans, Visual Studio, SharePoint, SAP.

Big Data Ecosystems: Hadoop, MapReduce, HDFS, Apache Spark, Cassandra, Chukwa.

-----WORK EXPERIENCE-----

Software Engineer - Accenture

Dec 2012 to Aug 2016

- 3.5 years of experience in complete Software Development Life Cycle(SDLC) including Requirements gathering, Analysis, Design, Coding, Testing and Documentation in a variety of technological platforms.
- Well versed in using software development methodologies like **Water Fall, Agile (SCRUM)**.
- Proficient in developing web based applications using **Java** and **J2EE** technologies like **JSP, Servlets, EJB, Struts, JDBC, Spring, Hibernate, JSF, XML**.
- Developed web applications to access and display data needed by support teams using **Ajax, JavaScript, JQuery, Angular.js, Node.js, Java, CSS and HTML**.
- Created sites to organize and summarize monthly ticket data using **Ember.js, D3.js and MySql**.
- 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.

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.

-----OPEN PROJECTS-----

- Developed a **Node.js** project to store and retrieve articles with **MongoDB** as data model and **Passport.js** for user authentication and **Bcrypt hashing** for hashing the password.
- Developed a web application to manage tasks/reminders using **Ember.js** and **Firebase**.
- Developed "Snake", the classic arcade game using vanilla **javascript** and **HTML5**.

-----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