

# Aman Agarwal

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## EDUCATION

### Texas A&M University

Master of Science, Management Information Systems, GPA: 3.91

College Station, Texas

May 2017

### Vellore Institute of Technology

Bachelor of Technology, Information Technology, GPA: 3.93

Vellore, India

May 2011

## SKILLS

**Programming Languages:** Java, SQL, HTML5, JavaScript

**Databases:** DB2, Oracle 10g, MySQL

**Frameworks:** Hibernate, JAX-RS, Pandas, Hadoop

**Technologies:** JSON, jQuery, AJAX, REST

**Tools:** Eclipse, Maven, Jenkins, JIRA, JMeter, MS Visio, Scriptella

**Application Servers:** JBoss, Tomcat, IBM

## EXPERIENCE

### Misys Financial Software

Bangalore, India

*Software Engineer (Fusion Essence, Core-banking System)*

December 2014 - July 2015

Liaised with business teams for requirement gathering and project scheduling while working in Agile team.

- Achieved 200% increase in transaction posting rate by revamping retail core banking transactions; redesigned process flows, refactored Java code of strategic functionalities, and optimized JDBC-SQL queries.
- Digitized queue management and improved customer experience at retail bank branches by designing and developing kiosk based token system using MVC framework with Java, Hibernate, JavaScript, and HTML5.
- Integrated third party applications including fingerprint scanners, signature verification systems etc. with core banking software; performed integration testing and proactively fixed issues to ensure seamless processing.

### Misys Financial Software

Bangalore, India

*Associate Software Engineer (Fusion Essence, Core-banking System)*

July 2011 - November 2014

Proactively managed and delivered various modules of core-banking application as per business requirements.

- Migrated applet-based client of core banking software to faster web UI developed using AJAX and jQuery.
- Developed ETL script creation mechanism using Scriptella for 24x7 availability and synchronization of transaction system across bank branches.
- Improved operational efficiency by 20% at retail bank branches by automating transfer of customer data from different banking systems into a single view using REST APIs.
- Automated unit test case generation by developing tool on Java; improved code coverage by 35%.
- Performed proof of concept using JavaScript to capture and manipulate data from magnetic card readers.

## PROJECTS & INDEPENDENT COURSES

### EventAngels: Platform to find perfect sponsors

January 2017 – May 2017

- Developed responsive web application using CSS3, Bootstrap, Javascript, Java and Spring Boot to create a platform where event organizers can publish events to find sponsors and advertisers and raise funds for the event.

### Virtual Career Fair System

December 2016 – January 2017

- Video chatting web application, built on Node.js, to allow job seekers and company representatives to interact in real time.

### Data Analytics Course

May 2016 - August 2016

- Python for Data Analytics - Coursera  
Conducted passenger survival analysis in Titanic disaster; Conducted rental price analysis in Boston city.

## LEADERSHIP

### Business IT Students (BITS), Texas A&M University

April 2016 - Present

#### VP – Operations

- Organize corporate networking events for industry professionals and MIS students at Texas A&M University.
- Incorporated 7 new organization as BITS partners for Company Nights, a bi-weekly meetup event.

### FunFusion for Social Ventures, Misys

October 2014 - June 2015

#### Co-founder

- Motivated 200 employees to volunteer for events to benefit cancer patients and people with disabilities.