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## Education
**San Jose State University, San Jose, CA**
Masters of Science in Software Engineering with specialization in Cloud Technology          **GPA: 3.76**
**Key Coursework:** Data Structures & Algorithms, Cloud Technology (AWS), Smart phone application development, Distributed Systems, NoSQL DBMS
**Research Assistantship:** Clustering of semiconductor machine logs by creating a java based rule engine using an Apache Spark Framework. I am further integrating it with Machine Learning libraries (MLlib) of Spark.

**Vivekanand Institute of Technology, Mumbai, India**                                              **2011**
Bachelor of Engineering in Information Technology                                            **GPA: 3.70**

## Skills
**Languages:** Java, JavaScript (ES6), NodeJS, ReactJS, Redux, SQL,Android & iOS app development
**Technologies:** Docker, Heroku, Amazon Web Service (AWS), Express, NoSQL (MongoDB, Cassandra)
**Other technical skills:** Design Patterns, Data modeling, Algorithm design, Distributed Systems, Unix Shell Scripting

## Key Academic Projects
**Dropbox clone: Created a file sharing app using MERN stack(REST API)**                     **2017**
- Created a file storage and sharing app using MERN stack(Dropbox clone) and tested using JMeter and MochaJS.
- Users can create account,upload file, share file , create group, and generate user activity report as well.

**Integer calculator:Created an android based calculator(Android)**                          **2017**
- Created a device compatible android calculator which can run on both phones and tablets.

**Multi-Tenant, Cloud Scalable, Multi-AZ - SaaS Application for automatic UML generator (AWS & JAVA)**   **2017**
- Created a Multi-Tenant SaaS application to generate UML diagrams from Java Source code. I used Amazon RDS and Node JS in this application and deployed it using AWS Elastic Load Balancer.

**3-Tier Web application for online coffee ordering portal (REST API & Heroku)**             **2017**
- Created a Multi-Tenant RESTful API (Starbucks) to order coffee. I created the application stack of Node JS and a 3-node MongoDB Cluster for each tenant. I routed the orders using KONG API Gateway and 3-node Cassandra cluster. This application was deployed on Heroku.

**Java Based application for Gas Station (JAVA Design Patterns)**                            **2017**
- Created a JAVA based application to simulate a gas station using 4 design patterns including Chain of responsibility, State, Strategy and Observer patterns

## Work Experience
**Software Consultant, Deloitte Consulting India Pvt. Ltd. Mumbai, India**                  **2013 - 2016**
**Full stack application development for Madison Square Garden Company (MSGC)**
- Developed a cross platform integration service in order to create a data warehouse and tableau reports spanning different subject areas.

**Data mining & visualization system for Kentucky Health Benefit Exchange (KYHBE)**
- Created infrastructure to integrate data from web services, website and legacy system for organizational and federal reporting.

**Development of automated data flow and quality improvement system for Pfizer**
- Created a Unix based file audit system to parse different file extensions from various sources.
- Developed scalable, distributed system to process heterogeneous data collected from twelve different countries and loaded them into data marts

**Development of scalable, distributed data processing system for CNO Financial Group**
- Created & optimized a parallel data processing system to process huge volumes of client data

**System Engineer, Tata Consultancy Services, Mumbai, India**                               **2011 - 2013**
**Full stack application development for ING Bank**
- Developed a full stack application for ATM machines of ING bank. I also analyzed card transactions to detect fraud and mine spending patterns

## Achievements in Software Project Competitions
Reached semi-finals in a national level competition, **TGMC by IBM** for building a secure online voting portal   **2011**
**Other Achievements**
Awarded "Best Content" at ICSTAE (an international conference) for a technical paper on "**3D modeling**"   **2015**
Received "Outstanding Employee" award at Deloitte                                              **2016**