# DEEP MEHTA

deepmehta.it@gmail.com | 408-568-9894|San Jose| : linkedin.com/in/deepmehtait

:github.com/deepmehtait | </>:http://deepmehtait.github.io

## Education

| | |
|---|---|
| Masters, Computer Software Engineering, GPA: 3.90, *San Jose State University* | **Expected May 2016** |
| Bachelors, Engineering in Information Technology, GPA: 3.81, *Gujarat Technological University* | **June 2013** |

## Skills & Technologies

| | |
|---|---|
| **Programming Languages** | C, C++, Java, NodeJS, REST, GIT, Scala, Spring-boot, Google ProtoBuf, Netty.io |
| **Mobile Technologies** | Android, Objective C, PhoneGap, JQuery Mobile |
| **Front-End Technologies** | HTML5, CSS3, JavaScript, JQuery, AJAX, JSON, Web Services (REST), Google Maps JS & Domain API, Facebook JS API, OAuth2.0, AngularJS |
| **Big Data Technologies** | Hadoop, MAP-R, Apache Spark Streaming, MLLib, Hive, HBase, Oozie, Kafka, Flume |
| **Databases** | MySQL, SQL Server, NoSQL MongoDB |
| **Tools** | Eclipse, Intellij, Android Studio, NetBeans, X-Code, Visual Studio, Adobe Photoshop, Adobe Dreamweaver, Aptana Studio, Microsoft Visio, Ant, Maven, Gradle |
| **Operating Systems** | Windows, Linux, Unix, Android, Mac OS X |

## Experience

**Mobile Application Developer Intern,** *Heat Software*                                      **June 2015 to August 2015**
- Independently developed Android, iOS, Windows App which provided millions of client access to HEAT Cloud SaaS on their mobile devices with Real-Time push notifications from GCM, APNs, WPNs integration and updates.

**Mobile Application Developer**, *Attensa Software, India*                                      **August 2013 to June 2014**
- Design and develop multi-language based cross-platform mobile applications for leading Mobile OS using PhoneGap/Cordova, HTML5, JQuery, JavaScript, and Google Maps

## Academic Projects

**Connecting OutPatient using IoT**, *San Jose State University*                                      **(IoT, Big Data, Mobile)**
- Developing smart IoT devices with Real-Time health monitoring with quick response of emergency services and also remotely guiding outpatient with doctor's instructions along with emergency alerts
- Technologies: **IoT, Hadoop, Hive, Machine Learning, Java, NodeJS, Android, iOS, Angular JS**

**Meetup Stream Analysis,** San Jose State University                                      **(Big Data Streaming)**
- Successfully build Lambda Architecture based real time streaming analysis, sentimental analysis system deployed on Amazon AWS and analyzed streaming data from meetup APIs to find trends and sentimental analysis on them
- Technologies: **Spark Streaming, Kafka, HBase, Hive, NodeJS, MapR, Mapr Hbase Rest, Google Maps**

**Business Success Recommendation based on Yelp Dataset,** San Jose State University                                      **(Big Data Mining)**
- Implemented business establishment recommendation based on type of business, location and local competitors with Jaccard Distance, collaborative filtering and regression. User recommendation based on KNN algorithm
- Technologies: **Java Spring MVC, HTML5, Material Design, AJAX, D3 JS, Rickshaw Charts, Google Maps**

**Distributed File System (Snapchat-Tish)**, *San Jose State University*                                      **(Distributed Computing)**
- Created highly available, consistent and scalable distributed system with the Proactor pattern using -multi-threaded and asynchronous programming and processed 10K image files in 98 seconds
- Technologies: **Java, Google ProtoBuf, Netty APIs, RAFT consensus Algorithm**

**Share It! iOS Application,** *San Jose State University*                                      **(iOS Application)**
- Developed photo sharing app with photo & album sharing capability, Mata-Data, Location, Name based search with NodeJS Rest APIs integrated with Amazon S3 for unique sharable link
- Technologies: **iOS Objective-C, Facebook SDK, NodeJS, MongoDB, Amazon AWS & S3**

**Google Plus Mini Android Application**, San Jose State University                                      **(Android Application)**
- Independently developed Android Application which allows user to login using their Google Account to view his/her profile, circles and friends by integrating with Google Plus (G+) Domain APIs and OAuth 2.0 authorization
- Technologies: **Android SDK, Google Plus (G+) Domain APIs, Google Plus OAuth 2.0**

**Multi-Tenant Software As A Service: SaaS**, San Jose State University                                      **(SaaS)**
- Created multi-tenant SaaS application for Waterfall, Scrum and Kanban Project Management service with multi-tenants MongoDB and deployed SaaS application on Red hat OpenShfit with mobile optimized UI for mobile devices
- Technologies: **NodeJS, MongoDB, HTML5, AngularJS, OpenShift, D3 JS, AJAX, Rickshaw Charts**

**Platform As A Service: PaaS**, *San Jose State University*                                      **(PaaS)**
- Developed UI for PaaS with full featured online IDE with code suggestion, error and syntax tips and developed a multi-cluster NodeJS based web hosting application with free sub-domain per application
- Technologies: **NodeJS, REST Web Services, Amazon AWS (Route 53, EC2), MongoDB, EJS, JQuery**