

DEEP MEHTA

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Education

Masters, Computer Software Engineering, GPA: 3.90, San Jose State University

May 2016

Bachelors, Engineering in Information Technology, GPA: 3.81, Gujarat Technological University

June 2013

Skills & Technologies

Programming Languages	Java, NodeJS, REST, GIT, C, C++, Scala, Spring-boot MVC, Google ProtoBuf, Netty.io
Front-End Technologies	JavaScript, AngularJS, HTML5, CSS3, JQuery, AJAX, JSON, Web Services (REST), Google Maps JS & Domain API, Facebook JS API, OAuth2.0
Mobile Technologies	Android, Objective C, PhoneGap, JQuery Mobile
Databases	MySQL, SQL Server, NoSQL MongoDB
Big Data Technologies	Hadoop, MAP-R, Apache Spark Streaming, MLLib, Hive, HBase, Oozie, Kafka, Flume
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 and built **rapid prototype of 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.
- Design **Architecture and User Experience** for the Mobile Application. Integrate Google Cloud Messaging service (GCM), Apple Push Notification Service (APNs) in their **production REST API services** of HEAT Cloud Software as a Service.

Mobile Application Developer, Attensa Software, India

June 2013 to July 2014

- Design and develop multi-language based **cross-platform mobile applications** for leading Mobile OS using **PhoneGap/Cordova, HTML5, CSS3, JQuery, JavaScript, and Google Maps**. Worked on developing **Java based REST API** for the application
- Understand existing complex business and system processes to **effectively integrate mobile solution** Interface with cross functional and on site and off site teams during the development and testing process.

Academic Projects

Connecting OutPatient using Internet of Things, San Jose State University

(Internet of Things, 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 with our android application
- Technologies: **Android, Angular JS, IoT, Java, NodeJS, AWS Kinesis, Twilio, FitBit APIs**

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
- Responsive Web and Mobile view with visualization** of events using **Google Maps, D3.js, AngularJS, Bootstrap**
- 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
- Used google analytics for getting user behavior insights.
- Technologies: **Java Spring MVC, HTML5, Material Design, AJAX, D3 JS, Rickshaw Charts, Google Maps, Google Analytics**

Platform As A Service: PaaS, San Jose State University

(Platform as a Service)

- Created, developed UI for PaaS with full featured online IDE with code suggestion, error and syntax tips
- Developed a multi-cluster NodeJS based web hosting application
- Implemented features such as creating free sub-domain per application, a basic template for a user to work upon, real time online compilation, listing directories and subdirectories recursively
- Technologies: **NodeJS, REST Web Services, Amazon AWS (Route 53, EC2), MongoDB, EJS, JQuery**

Multi-Tenant Software As A Service: SaaS, San Jose State University

(Software as a Service)

- Created multi-tenant SaaS application for Waterfall, Scrum and Kanban Project Management service with multi-tenants MongoDB and deployed SaaS application on Red hat OpenShift with mobile optimized UI for mobile devices
- Technologies: **NodeJS, MongoDB, HTML5, AngularJS, OpenShift, D3 JS, AJAX, Rickshaw Charts**

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**