




DEEP MEHTA

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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 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

February 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, Meta-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 OpenShift 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 32, EC2), MongoDB, EJS, JQuery**