

# DEEP SHAILESH MEHTA

 [www.linkedin.com/in/deepmehtait](http://www.linkedin.com/in/deepmehtait)

 [www.github.com/deepmehtait](http://www.github.com/deepmehtait)

[deepmehta.it@gmail.com](mailto:deepmehta.it@gmail.com)

408-568-9894

San Jose, CA

## EDUCATION

**Masters, Computer Software Engineering, GPA: 3.83, San Jose State University**

**Expected May 2016**

**Bachelors, Engineering in Information Technology, GPA: 3.81**

**June 2013**

**Silver Oak College of Engineering & Technology, India**

## SKILLS & TECHNOLOGIES

### PROGRAMMING LANGUAGES

C, C++, Java, NodeJS, REST, GIT, Scala, Spring-boot, Google Protobuf, Netty.io, Python

### MOBILE TECHNOLOGIES

PhoneGap, Android, JQuery Mobile, Web Apps, iOS

### FRONT-END TECHNOLOGIES

HTML5, CSS3, JavaScript, JQuery, AJAX, JSON, Web Services (REST), Google Maps JS & Doamin API, Facebook JS API, OAuth2.0, AngularJS

### DATABASES

MySQL, SQL Server, NoSQL MongoDB

### TOOLS

Eclipse, IntelliJ, Android Studio, NetBeans, 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 present**

**Mobile Application Developer, Attensa Software, India**

**February to June 2014**

- Design and develop cross-platform mobile applications for leading Mobile OS using PhoneGap/Cordova, HTML5, JQuery, JavaScript, and Google Maps
- Effectively integrate mobile solution and Understand existing complex business and system processes

## ACADEMIC PROJECTS

**Distributed File System (Snapchat-tish), San Jose State University**

**Spring 2015**

- Successfully build highly available, consistent and scalable distributed system with Proactor pattern using multi-threaded and asynchronous programming
- Implemented RAFT consensus Algorithm for leader election, log replication and fault tolerance
- Image messages sent by user (client) are broadcasted to all clients connected to local cluster as well as different clusters and processed 10K image files in 98 seconds
- Technologies: Java, Google protobuf, Netty APIs

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

**Spring 2015**

- Created multi-tenant SaaS application for Waterfall, Scrum and Kanban Project Management service
- Used cloud service Mongo Labs as database for multi-tenants
- Deployed SaaS application on Amazon AWS
- Technologies: NodeJS, MongoDB, HTML5, Amazon AWS

**Platform As A Service: PaaS, San Jose State University**

**Fall 2014**

- 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 sub directories recursively
- Technologies: NodeJS, REST Web Services, Amazon AWS(Route 32, EC2), MongoDB, EJS, JQuery

**Share It! iOS Application, San Jose State University**

**Spring 2015**

- Login with Facebook or user app as a guest user, create Albums upload photos and share with your friends, User can manage their albums, delete them and share
- Search uploaded public, private photos based upon Meta-Data, Location, Album Name, Photo Name
- Independently developed NodeJS Rest APIs and integrating them to Amazon S3 where user photos were stored. Provide user with unique shareable link
- Technologies: iOS Objective-C, Facebook SDK, NodeJS, MongoDB, Amazon AWS and S3

**Google Plus Mini Android Application, San Jose State University**

**Spring 2015**

- 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
- Authentication using G+ Domain APIs through OAuth 2.0 authorization. Accessing profile, circle and friend's endpoints to retrieve respective information
- Technologies: Android SDK, Google Plus (G+) Domain APIs, Google Plus OAuth 2.0