

**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 &amp; Doamin API, Facebook JS API, OAuth2.0, AngularJS

**DATABASES**

MySQL, SQL Server, NoSQL MongoDB

**TOOLS**

Eclipse, IntelliJ, Android Studio, NetBeans, 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 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