

SAGAR MANGLANI

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SUMMARY

Pursuing Master's degree in Software Engineering. Experience of 2 years as a Software Developer at Accenture. Developed web & mobile application(iOS & Android)and currently looking for Software Development opportunities.

EDUCATION

Master of Science, Software Engineering, San Jose State University, **GPA: 3.66/4.0**

May 2017

Bachelor of Technology, VESIT, **GPA: 3.5/4.0**

May 2017

TECHNICAL SKILLS

- **Programming Languages:** Java, Android SDK, Python, Swift, Objective C, iOS, PeopleCode
- **Web Technologies:** HTML, CSS, JavaScript, JSON, AJAX, jQuery, Bootstrap, REST
- **Database:** MySQL, MongoDB, Firebase, SQLite
- **Frameworks & API:** Django, Ruby on Rails, Node.js, Angular.js, Google Maps API, Apple Maps, Salesforce API
- **Tools & Servers:** PeopleSoft People Tools 8.53, Eclipse IDE, Android Studio, Tableau, VMware Workstation, Oracle Policy Automation, Glassfish, Apache TOMCAT, Amazon AWS, Git, Salesforce SDK, Drupal

WORK EXPERIENCE

JH Technologies, Fremont, USA

July 2016 – Present

Web & Mobile Developer Intern

- Developed a mobile app (Android&iOS) to increase sales by listing the clients around employee's current location
- Used asynchronous REST request to retrieve data faster from Salesforce API which is then stored in SQLite.
- Managed JH Technology website and added new functionalities like search engine to improve user experience and a template to create new pages using Drupal.

Accenture, Mumbai, India

Nov 2013 – July 2015

Software Engineering Analyst

- Built custom applications, approved by Business, using PeopleSoft HCM and CRM to implement Pension process.
- Worked on integrating PeopleSoft ERP modules - HCM and CRM using Integration Broker.

ACADEMIC PROJECTS

Data Mining and Augmented Reality in Assisting Autistic child

Aug 2016 – May 2017

- Developing an Augmented Reality android app based on best practices and methods to teach autistic children
- Using wiktitude SDK to create markerless and marker based augmented reality objects to teach them emotions, alphabets and numerical
- A library is created for allowing parents/teacher to create their own quiz to determine child's progress

WhatsApp Prototype

Sep 2016 – Dec 2016

- Created a prototype of WhatsApp app for iPhone users to demonstrate its important features like sending/accepting messages, group creation, video/image sharing, and uploading profile pictures.
- Used Firebase platform to support large no of daily users and to make a real-time application more reliable and scalable.

Android Security App

Jan 2016 – Jul 2016

- Created an Android app which is used to track down user's stolen phone by sending device's current location on change of sim, change of the Internet service provider or before switching off the phone.
- Implemented Broadcast Receivers and background services to record user events and update location data.

Uber Prototype

Jun 2016 – Aug 2016

- Developed a prototype of Uber, a command-line java app, to demonstrate the implementation of java design pattern
- Used Dijkstra algorithm to find the shortest route between two points in a weighted matrix for nearest driver

Smart Street Mobile Application

Jul 2015 – Dec 2015

- Developed an android application for users to communicate with the sensors installed on street trees so that they can change the colors, intensity of lights or play music
- Used Google Maps API to display all the nearby places like restaurants, hospitals to the user

Cloud Mobile Testing as a Service on AWS

Oct 2015 – Dec 2015

- Created a web application to provide a service for app testing on AWS and Jelastic cloud platform.
- Implemented functionalities like uploading an apk file to S3(AWS), assigning test cases to testers based on their skills and automatic bill generation depending on the resource usage.