ABHILASH SHRIVASTAVA

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**Objective:**

To obtain a Software Developer position that involves intensive use of database services.

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**Education:**

**San Francisco State University (**Master of Science in Computer Science**) GPA 3.8**(Graduation-DEC 2016)

**Rajiv Gandhi Technical University, Bhopal, India** Sep 2007- May 2011

Bachelor of Engineering in Computer Science and Engineering

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**Work Experience:**

[**Front End Web Developer at Storied**](http://storied.co/) Oct 2016 – Present

Creating ready to use HTML components for the studio using which user can design interactive ads, brochures, magazines and websites that are dynamic across mobile devices without writing a line of code.

[**Special Assistant for Data and IT(SADIT) at CARP SFSU**](http://carp.sfsu.edu/)Feb 2016 – Oct 2016

Enhanced user experience of the department website to such a level that more and more users are accessing it.

**Research Assistant** Feb 2016 – Oct 2016

Solved the Java Client and MATLAB interfacing problem at socket level.

**Research Assistant** Feb 2016 – Oct 2016

Implemented the algorithm for mining the Gigabytes data provided by Google n-gram API using Python

**Web Developer at Tata Consultancy Services** Mar 2012- July 2015

Automated core customer service functionality in the web application and provided more efficient user experience.

Made web application fast and stable to reduce the average per customer service time from 180 sec. to 70 sec.

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**Projects:**

[**Meet-the-Need**](https://github.com/abhilash-shrivastava/Meet-the-Need-v2)Jun 2016 – Present

Location based courier service web application uses **MEAN (MongoDB , ExpressJS, Angular 2, NodeJS) & NPM.**

Single person project that shows complete understanding of the web development.

[**Rental Hub**](http://sfsuswe.com/~f16g16/final_project/) Aug 2016 – Present

An apartment rental site created with the team of Germany in Agile Software Development best practices.

CTO of the team, Code review and front end development are my tasks in the project.

[**iSplit**](https://github.com/abhilash-shrivastava/iSplit)Mar 2016 – May 2016

A restaurant bill splitting web application developed on **Node.JS** using **npm**, **ReactJS** and **Redux**.

My tasks involve the implementation of the algorithm that parse the image **JSON** data provided by **Google Vision API** with the accuracy of **98%** considering that even the accuracy of Google API is **99%**.

[**Smart Watering System**](https://github.com/abhilash-shrivastava/Smart-Watering-System)Feb 2016- April 2016

An automated watering system developed on **Predix**(GE) platform using **AngularJS**, **Polymer**, **nginx**, **Grunt.**

I have contributed in the User Interface implementation, stable connection with **Predix** cloud services, and successful deployment of the application on **Cloud Foundry**.

[**Battleships Game**](https://github.com/jensvdh/sfsu-battleships) Sep 2015 – Dec 2015

Multi player game development on **Ruby on Rails** using **JavaScript, Redis** and **Pusher** in REST architecture design.

I have created the **MVC frame work** provided by **Ruby on Rails** following convention over configuration.

[**Recipe by Ingredients**](https://github.com/abhilash-shrivastava/Android-App-Recipe-By-Ingredients)Aug 2015 – Dec 2015

An Android App development in **AGILE and SCRUM** software methodology using Java and Android.

I worked as Tech lead for the team of seven and implemented the UI of the app and SQLite Database setup.

[**Micro posts**](https://github.com/abhilash-shrivastava/Rails-users-implementation)Sep 2015 – Oct 2015

Implemented multiuser micro blogging site using **Ruby on Rails.**

Worked individually on the project as part of my learning for the **Ruby on Rails.**

[**Web Server**](https://github.com/jensvdh/sapphire)Aug 2015 – Sep 2015

HTTP Web server implementation using **Ruby** in Test Driven Development following **Apache** architecture.

In two members team, I have implemented the HTTP request Unauthorized (401), Forbidden (403) and .htaccess.

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**Software Skills:**

**Expert Level:** JavaScript, Angular 2, ReactJS, NodeJS, NPM, HTML, HTML5, CSS3, ExpressJS, TypeScript, NGINX, Webpack, Bower, Ruby on Rails (MVC), jQuery, Bootstrap, MongoDB, Redis, Rest API, JSON, Git, Github, JAVA, Sockets, Ruby, AJAX, AWS, Heroku, GitLab, Docker, Predix(GE)

**Intermediate Level:** Cloud Foundry, Docker, Predix(GE), Python, MATLAB, C++, Android, C#

**APIs:** Google JavaScript Map, GeoBytes, Google Analytics, Social Login (Google, Facebook, Twitter), SendGrid (Email API), TextBelt (Text message API), Google Vision API.