**Rachana Ganesha**

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Software Engineer with 2 years of work experience and currently pursuing MS in Computer Science Engineering, California University. Interested in software development, database, machine learning and Java suite of technology.

**Education**

California State University Long Beach Expected Dec 2019

**Master of Science in Computer Science, 3.42 GPA**

Dr. Ambedkar Institute of Technology May 2016

**Bachelor of Engineering in Computer Science Engineering, 8.54 CGPA**

**Technical Skills**

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| **Programming Languages** | Java 1.7/1.8, J2EE , C#, .Net, C, C++, PHP, PL/SQL, Python, MATLAB, R Programming. |
| **Technologies** | AWS, SOAP and REST Web Services, JSP, Servlets, JSF, JSTL, JDBC, JUNIT, SONAR, EJB 3.0, RMI, Spring MVC, Spring Boot, Sprint Batch, Hibernate, Struts2. |
| **Tools** | JIRA Agile, Tortoise SVN, Git Version Control, Bitbucket, SOAP UI, Log4j, WINSCP, Putty, Eclipse. |
| **Scripting Languages** | JavaScript, JQuery, AngularJS, Angular4, NodeJS, Shell Scripting, ANT Script, AJAX, JSON. |
| **Middleware Technologies** | SOAP and REST web services. |
| **Application/Web Servers** | Oracle WebLogic Server 8.1/9.2/10.3, JBoss 3.x/4.x/5.x, IBM WebSphere Application Server 7.x and Apache Tomcat. |
| **Database** | Oracle 9.x/10.x, MongoDB, MySQL, DB2, JDBC, RDBMS. |
| **Build Tools** | AWS Code Build, AWS Code Deploy, AWS Code Pipeline, Jenkins, Ant, Maven. |
| **Cloud** | AWS (Amazon Web Services), GitHub, SVN, CVS. |
| **Testing Tools** | Agile Testing, J-Unit, API Testing |
| **Operating Systems** | Windows, UNIX, Linux. |
| **Methodologies & Tools** | Agile Methodology, Waterfall, Ant, Maven. |
| **Relevant Knowledge** | Object Oriented Design, Advanced Data Structures, TCP/IP networking concepts, Machine Learning, Data Mining, Software Engineering |
| **Certifications** | **C, C ++**: certified from NIIT, India. **CORE Java:** HP, India**.** |

**Experience**

## Student Web Developer Sept 2018 – Present Associated Students Inc, Long Beach, CA

* Developed an event calendar web application for the client website, which helps in creating regular recurrence meetings for the company. This application was developed using Django, Python, jQuery, JavaScript and PHP.
* Updated company sites to support daily activities using Joomla CMS, PHP and various other technologies.

## Computer Science Engineer – Web Developer Sept 2017 – Jan 2018 Enaviya Information and Technology, Bangalore, India

* Developed various client based project using Python, C#, Java, PHP, GitHub and SQL.
* Hand on Experience using various agile development tools like Jira and also experience in testing the application using advanced automated tools.

## Computer Science Engineer – Web Developer Sept 2016 – Sept 2017 ASEA BROWN BOVERI, Bangalore, India

* Implemented various Web application using advanced technologies like MVC, Dot Net c#, Python, JQuery, GitHub, SQL and JavaScript.
* Exposure to deep knowledge in both front end and back end using java and SQL web application. Designed various schemas, design of database, requirement analysis, specifying the options required for user and developing the application using the advanced technologies.

**Projects**

## Meeting Recurrence System Python - jQuery - PHP, Django -GIT

*Associated Students Inc.* *CSULB, CA, USA, Sept 2018 – Dec 2018*

* Application used to schedule, cancel and edit meetings. Flexible in changing the meeting date, time and day. Also gives provision to add the location, Manager and other specific details. This application helps in either recurrence or no recurrence of meetings.

## Version Control System (VCS) JAVA - GIT – HTML5 - CSS

*California State University, Long Beach* *CSULB, CA, USA, Jan 2018 – May 2018*

## In this project part, we create a repository with required files and each file consist of an artifact ID. A manifest file is created after the repository is created to hold the timestamp and number of files created. We also add the ability to merge two project trees coupled with tracking that project version's parent.

## Image-to-Image Translation using C-GAN Python

*California State University, Long Beach* *CSULB, CA, USA, Aug 2018 – Dec 2018*

* The main idea behind this project is to translate an image to another image using conditional generative adversarial networks on model-to-facades and aerial-to-map images. We train and test two different models and conclude that the datasets with more training set produce superior quality images when trained with 200 epochs.

## Wellness Tool Application C# - MVC – jQuery – Bootstrap - API’s

*ASEA BROWN BOVERI* *Bengaluru, India, Jan 2017 – June 2017*

* Wellness Tool application is designed to support healthy and safety behavior in the workplace and to improve health outcomes.

## Higher Studies Management System C# - JavaScript – SQL - HTML 5 - CSS

*ASEA BROWN BOVERI* *Bengaluru, India, Sept 2016 – Jan 2017*

* To develop an application which can be accessed by any employee within the corporate network to update and track their educational career collaborated with ABB India Limited organization.

## Commissioning Tracking System C# - JavaScript – Bootstrap – HTML5

*Enaviya Information Technology* *Bengaluru, India, Sept 2018 – Jan 2019*

* CRT application is designed with three main roles. Whenever a customer files a complaint, the respective zonal manager gets notified and assigns an engineer to resolve the complaint.