

Shashank Moghe

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EDUCATION

Master of Engineering in Computer Science

Oregon State University- Corvallis, Oregon

Expected graduation: -March 2018

GPA: - 3.66/4.0

Bachelor of Engineering in Information Technology

Sardar Vallabhbhai Institute of Technology- Vasad, Gujarat, India

July 2012-May 2016

CGPA: 7.29/10.0

TECHNICAL SKILLS

Operating Systems: MacOS, Windows, Ubuntu

Software Packages: Visual Studio, Android Studio, PyCharm, Git, Microsoft office

Programming Languages: (Competence)- Python, Java
(Familiarity)- Python Flask, Django, JavaScript, AngularJS, Angular 4,
NodeJS, jQuery, HTML, CSS, Ajax, JSON, XML, C, C#

Database: MySQL, PostgreSQL, NoSQL (MongoDB)

EXPERIENCE

Oregon State University: Software Developer

February 2017 - Present

1) AgBiz Logic

AgBiz-Logic is a python based cutting-edge web application for agricultural businesses. Languages used Backend-Django, Frontend - AngularJS, JavaScript, CSS, HTML and database using PostgreSQL

Responsibilities

- Working as Full Stack Developer in Agile team with REST based web services.
- Implemented automatic cache clearing.
- Presenting Graphs on UI to represent data comparison using angular-charts.js and d3.js
- Created Angular Services to minimize data duplication.
- Provided functionality of printing/download forms as PDF using PDFMake Library.

CDK Global: Software Developer Intern

June 2017 – September 2017

1) Proton

Proton is a python based web application for CDK Global's employees to configure, test and modify Servers, Routers and Switches. Python Flask, Python, Frontend - JavaScript, AngularJS, jQuery, CSS, HTML and Database using PostgreSQL.

Responsibilities

- Created Plugins for Netapp Database and Telcordia Database for implementing queries.
- Written unittests and selenium tests for multiple plugins.
- Developed functionality of setting the Logging Level.
- Improved efficiency of RQWorkers for queuing tasks more quickly by creating a new queue in specific worker or option to choose the queue from available queues.
- Worked with Networking team to authenticating users for ASA, NXOS and other network devices
- Developed functionality of including User IP address and browser information for automatically creating JIRA issue while reporting bugs from website.
- Re-structured User Interface using AngularJS to improve usability.

Larsen & Toubro: Website Developer Intern

July 2015 - May 2016

Languages used Backend - ASP.NET (C#), JavaScript, Frontend -jQuery HTML, CSS and Database - MYSQL

1) Stationary and warehouse management

Automatically order required parts of machines and stationary item if the minimum limit drops.

2) STD/ISD system

Providing STD/ISD service for National/ International calls to every employee of the company.

3) Canteen Requisition

Food ordering website for guests from a given list of food items and functions related to canteen staff management.

Responsibility

- Developed forms for each module and generating pdf using jsPDF library.
- Worked with Design team for developing User Interface.
- Implemented Employee authentication for Login Page.
- Provided email notifications to employees and Head of Departments using SMT protocol.
- Added functionality for online payment using PayTm.

HACKATHON

1) CDK Global Hackathon

Developed Debugger for Proton using Backend-Python, JavaScript, Frontend- AngularJS, JavaScript, jQuery, CSS, HTML.

ACADEMIC PROJECTS

Oregon State University

1) Software Engineering – CS 561

September 2017 - Present

“Tutor Nation” is a web application that allows student to register as tutor and connects students to tutor. Languages used Backend – Java, JavaScript, Frontend – Angular 4, jQuery, HTML, CSS and Database – MongoDB

2) Database Management System - CS 540

January 2017 - March 2017

Stock price analyses website which gets raw unstructured data from stock trading website, performs data integration and produces a Candle Stick graph showing the High, Low, Open, Close prices of requested stock. Languages used Backend – Java, JavaScript, Frontend – ChartJS, jQuery, HTML, CSS and Database – MySQL

Sardar Vallabhbhai Institute of Technology

November 2013 - January 2014

1) Prakarsh

“Prakarsh” is an annually celebrated college festival. Created a website for Prakarsh showcasing all events organized and which had registration process for interested students Languages used Backend- ASP.NET (C#), JavaScript, Frontend- jQuery, HTML, CSS and Database using MYSQL

ACTIVITIES AND HONORS

- <https://github.com/moghesh> - **GitHub**
- moghesh.github.io - **Portfolio**
- Web Development Workshop organized by Sardar Vallabhbhai Institute of Technology- **Team Leader**
- Gaming events organized by Sardar Vallabhbhai Institute of Technology - **Team Leader**
- Awarded **\$5000 scholarship** by INTO Oregon State University
- Appointed as **Assistant Engineer**, *Tata Consultancy Services*
- Devops Boot Camp, *Oregon State University* - **Participant**
- Cloud computing workshop, *Indian Institute of Technology, Bombay*-- **Participant**
- Conference with Ratan Tata (Chairman of Tata Group), *Baroda Association*-**Conference Member**