Shashank Moghe

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Portfolio-*moghesh.github.io*| www.linkedin.com/in/shashank-moghe**|Email -** moghesh@oregonstate.edu

OBJECTIVE

Looking for a challenging and rewarding Software Engineer position, where I can utilize 2+ years of hands on experience of developing websites

TECHNICAL SKILLS

Software Packages:	Visual Studio, PyCharm, Microsoft office
Programming Languages:	Python, Java,
Web Tools:	Python Flask, Django, JavaScript, AngularJS, Angular 4, React Redux
	Node.js, Bootstrap, jQuery, HTML5, CSS3, Ajax, C, ASP.NET(C#), material-ui, Beautiful Soap, JSON, XML, PyYAML
Database:	MySQL, PostgreSQL, NoSQL (MongoDB), SQL Alchemy
Version Control	GitHub, Bitbucket

EXPERIENCE

AgBiz Logic: *Web Developer*
October 2017 - Present
February 2017 – June 2017

- Working as Full Stack Developer to develop a python based cutting-edge web application for agricultural businesses. **Languages used Backend-Django, Python, Frontend - AngularJS, JavaScript, CSS, HTML and database - PostgreSQL.**
- Implemented automatic cache clearing.
- Developing and maintaining web pages using AngularJS
- 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 various documents as PDF using PDFMake Library.

CDK Global: *Software Engineer Intern*
June 2017 – September 2017

- Worked on Proton, a python-based web application for CDK Global's employees to configure, test and modify Servers, Routers and Switches. **Languages used Backend - Python Flask, Python, Frontend - JavaScript, AngularJS, jQuery, CSS, HTML and Database- SQL Alchemy.**
- Created Plugins to minimize the database querying time.
- Written unittests and selenium tests for automated testing.
- 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 for providing authentication of 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: *Web Developer Intern*
July 2015 - May 2016

- Developed the following websites from scratch. **Languages used Backend - ASP.NET (C#), Frontend - JavaScript, 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.
- Developed forms for each module and generating pdf using jsPDf library.
- Worked with UX team for developing User Interface.
- Implemented Employee authentication and registration for authorized users.
- Provided email notifications to employees and Head of Departments using SMT protocol.
- Added functionality for online payment using PayTm

HACKATHON

CDK Global Hackathon   **17-21 September 2017**

Developed Debugger for Proton using **Backend-Python, Frontend- AngularJS, JavaScript, jQuery, CSS3, HTML5.**

ACADEMIC PROJECTS

Oregon State University

1) **GitHub Web Scraper**   **January 2017 – Present**

Developing a web scrapper to identify, gather, aggregate and clean GitHub user data to generate a detailed analysis for number of users using Python vs Java. **Languages used Backend – Python, Beautiful Soap**

2) **Software Engineering II – CS 562**   **January 2017 – Present**

Developing Front-end of a web application which allows users to upload research papers and generates a research citation graph based on the references in the paper. **Languages used Frontend – React Redux, HTML5, CSS3, material-ui, d3.js**

3) **Software Engineering I – 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, JavaScript, HTML, CSS and Database – MongoDB**

3) **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, Frontend – JavaScript, d3.js, jQuery, HTML, CSS and Database - MySQL**

Sardar Vallabhbhai Institute of Technology   **November 2013 - January 2014**

Developed a website for annually celebrated college festival "Prakarsh" showcasing all events organized and which had registration process for interested students **Languages used Backend- ASP.NET (C#), Frontend- JavaScript, jQuery, HTML, CSS and Database – MYSQL**

ACTIVITIES AND HONORS

- https://github.com/moghesh **- GitHub**
- 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**

EDUCATION

Master of Engineering in Computer Science   **Expected graduation: -March 2018**

Oregon State University - *Corvallis, Oregon*   **GPA: - 3.50/4.0**

Bachelor of Engineering in Information Technology   **July 2012-May 2016**

Gujarat Technological University - *Gujarat, India*   **CGPA: 7.29/10.0**