

Shashank Moghe

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TECHNICAL SKILLS

Software Packages:	Visual Studio, PyCharm, Git, 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
Database:	DynamoDB, MySQL, PostgreSQL, NoSQL (MongoDB), SQL Alchemy
Version Control	GitHub, Bitbucket

EXPERIENCE

Nordstrom: Software Developer 2

February 2020 – Present

Nordstrom: Software Developer 1

July 2018 – February 2020

Working on Nordstrom's Store Reserve, Curbside Pickup and Local Market project in a Kanban team. **Languages used**

Backend – Nodejs, Frontend – Angular JS, JavaScript, CSS, HTML and Database – DynamoDB

- Created various API endpoints for efficient communication between various Nordstrom Services
- Replaced physical barcode scanners with mobile camera
- Implemented customer location tracking for providing best on-time curbside order delivery
- Transitioned an in store IOS mobile application to Android
- Fixed bugs from existing websites and implemented enhancements that significantly improved functionality and speed

AgBiz Logic: Web Developer

October 2017 – March 2018

February 2017 – June 2017

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

Responsibilities

- Created Plugins for Netapp Database and Telcordia Database 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 scraper 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

Sept 2016 - 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