Ajay Narendra Malalikar

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EDUCATION:

University of Southern California, Los Angeles, USA — Expected May 2017
Master of Science, Computer Science
GPA: 3.85

Visvesvaraya Technological University, Belgaum, India — Jun 2012
Bachelor of Engineering, Computer Science
GPA: 80 / 100

COURSES: Analysis of Algorithms, Operating Systems, Artificial Intelligence, Natural Language Processing, Database Management

TECHNICAL SKILLS:

Programming Languages	:	Python, Java, C/C++
Other Technologies	:	RESTful services, Github, Bash scripting, Flask, Nginx
Web Technologies	:	Javascript, AngularJs, JQuery, Bootstrap, Node
Databases	:	MySql, Sql Server, MongoDb
Cloud and OS	:	Azure, AWS, Openstack, Unix flavors (Linux, Centos and Ubuntu)

PROFESSIONAL EXPERIENCE:

Platform9 Systems — **Sunnyvale (USA)**
Software Engineering Intern — *May 2016 – August 2016*

- Integrated openstack horizon with Platform9 so that new UI features in horizon will be easily available in Platform9 with ease.
- Developed a marketing tool for new customers to try out Platform9 managed openstack private cloud as Saas. Technologies: Python, Rest api, AngularJS, Bash, Ansible

Persistent Systems Limited — **Pune / Bangalore (India)**
Senior Software Engineer — *Oct 2012 – Jul 2015*

- Developed end-to-end plugins like test player, pre-requisite manager, endorsement etc. for large scale multitenant E-Learning application. Technologies: C#, Asp.net MNC, Entity Framework, Azure Services
- Worked with Intuit's Demandforce team to develop a marketing based desktop application. Developed a tool to monitor performance of the application that would run on different environment like Windows, Mac and Linux.

ACADEMIC PROJECTS: [GitHub: *https://github.com/ajay-malalikar*]

Engine to detect spams in emails: *Python*

- Developed an engine to classify emails as spam or not spam using Naïve Bayes theorem. Used machine learning to learn the function from learning data and applied the function to classify the given email.

Weenix Kernel Development: *C*

- Implemented major features of operating system's kernel like processes, threads, file system management and virtual memory. Used operating system called Weenix for implementation.

Inference engine using first order logic: *Python*

- Built an inference engine to find what information can be inferred from given set of data using first order logic and backward chaining algorithm.

Stock market predictor: *Android, Java, Php, AngularJS, Bootstrap, Amazon AWS, Markit-on-demand rest api*

- Developed android and web application that provides a detailed description of stock market data of public listed companies. It also shows graphical representation of data, the news feed, adding to personal favorites, sharing on social media etc.

PERSONAL PROJECTS:

Android app for the sales representatives: Flask, Python, Cordova, Angular JS

- Developed an CRM app for hackathon which will assist the sales representatives with their day to day by keeping track of the customers and giving the best information to increase the productivity of the representative.

Mobile app for private cloud alerts and support: Node, Web Sockets, Mongo db, Angular JS, React Native

- Built a mobile app for private cloud to show alerts to customers regarding their resources' error states using Ceilometer apis. Integrated the chat server for the customers to directly contact the support regarding the alerts and raise the Zendesk tickets.