VIRAJ JAGALE

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EDUCATION

University of Central Florida, Orlando, FL, USA   AUG 2017 - MAY 2019
Master of Science, Computer Science GPA: 3.88

University of Pune, Pune, India   AUG 2011 - MAY 2015
Bachelor of Engineering, Information Technology GPA: 3.25

WORK EXPERIENCE

Wasatch Photonics   MAY 2018 – DEC 2018
Software Engineering intern
- Developed code for bluetooth low energy peripheral(GATT server) and client. (python, pybleno, raspberry pi)
- Developed scripts to automate testing of spectroscopy software, Enlighten (python, pytest, pyautogui, PyQt).
- Setup jenkins server for automated tests and builds (centos, git, github, jenkins).
- Setup Samba server, media wiki server, subversion, websvn (centos, http, apache, openssl).

ESDS Software solutions Pvt. Ltd.   NOV 2015 - MAY 2017
Jr. Research Engineer, CLOUD RESEARCH TEAM   MAY 2016 – MAY 2017
- Developed profile management APIs for IoT platform. (python-flask, node-red, pymongo, cassandra, nginx)
- Developed test cases, performed manual testing of eNlight (both public and private cloud platform), documented testing results, developed python scripts to automate testing using its APIs. (python, urllib, xml, JSON, xen, xensever, esxi, hyperV, kvm)
- Developed the eNlight management dashboard for support team and management team to visualize data and resource consumption of the servers and virtual machines. (python, Xenserver, XenAPI, xml, etree, sockets, Graphite, Grafana).
- Developed python scripts to analyze performance of various databases (MySQL, MSSQL, PostgreSQL, Oracle) on Linux and windows virtual machines.
- Used Jenkins for integration and test automation.

Jr. Technical associate, TECHNICAL SUPPORT TEAM   NOV 2015 – APR 2016
- Managed and resolved incident tickets opened by clients as well as those logged by event monitoring system.
- Installed and configured various services like DNS, NFS, HTTP, SNMP, R1soft backup, SSH.
- Managed and installed patches and software packages using YUM and RPM and creating YUM repository files for offline servers.
- Linux and windows server monitoring, system administration, load monitoring, process and service management.

PROJECTS

Location tracking using Raspberry Pi, (python, AWS-IoT, mqtt)

Remote Firewall management,
APIs to securely manage networking on linux systems remotely. (python-flask, linux iptables, route)

TECHNICAL SKILLS

- Python(proficient), C, Bash, Powershell, Java, PHP, HTML, CSS, JavaScript (Prior Experience).
- MySQL, MSSQL, PostgreSQL, Cassandra, MongoDB.
- Linux, Windows, MacOS, Xenserver, esxi, kvm, hyperV.

HOBBIES & ACHIEVEMENTS

→ Competitive Programming → Silver badge in Week of Code 36 (hackerrank) → Bronze badge in University Codesprint 4 (hackerrank) → Bronze badge in Week of Code 37 → Playing Basketball, Chess → Member of undergraduate college Basketball team(2011-2015) → Inter-departmental Basketball team captain (2012-2015). → Awarded Best Basketball player in Inter-departmental Basketball competition 2015.