VENKATA SIVA ABHISHEK MUNUKUTLA

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EDUCATION

Master of Science in IT (Information Systems)	Arizona State University, USA	GPA: 3.96	August 2017 - May 2019
Bachelor of Engineering in IT	Osmania University, India	GPA: 3.40	Sept 2012 - June 2016

SKILLS

Python, Java, JavaScript ES6, SQL, MySQL, MS SQL, PowerShell, Eclipse, Maven, Git, HTML/CSS, Apache Tomcat, JSON, XML, Django, NodeJS, MongoDB, Express, Ubuntu, Windows Server 2016, CentOS 6, Amazon Web Services

COURSEWORK

Software Engineering	Advanced SQL Programming	Web Development and Scripting
Cloud Computing with AWS	System Administration with Unix	Data Structures and Algorithms

WORK EXPERIENCE

Software Engineering Intern   **Edgenuity Inc., USA**   January 2019 – Present
- Explore the current system in place and research for tools to automate a patch management system.
- Worked with Cloud-Ops team and reduced 30% costs in Cloud Operations by developing automation tool with open source software.
- Developed AWS CloudFormation scripts to spin up Windows Servers, SQL servers, and WSUS server with configured IAM Policies, roles and VPCs thus reducing manual efforts by 50%.
- Used AWS OpsWork (Chef), AWSCLI and PowerShell to automate the patch release process following patch management policy on WSUS which contains different use cases.

Utilized: Amazon Web Services, Chef, PowerShell, Windows Server 2016, SQL Server 2017, Active Directory, WSUS

Software Developer Intern   **Mettle Solutions LLC, USA**   January 2019 – Present
- Developed REST Web Service with Jax-WS to be consumed by customers and performed API testing.
- Translated shell scripts into object-oriented python code to improve security and performance.
- Developed unit tests further improving code coverage by 40%.
- Worked on fixing few critical impact bugs thus resolving customer issues quickly.
- Integrated SonarQube to build pipeline and resolved vulnerabilities thus improving overall product security.
- Assisted in dev and test (linux) server maintenance and security configuration.

Utilized: Java 8, JAX-WS, POJO, JavaScript, Maven, Apache Tomcat 8.5, Git, Python 2.7, Ubuntu 16, Postman

ServiceNow Developer Intern   **Eastman Chemical Company, India**   July 2018 – August 2018
- Assisted in migrating workflows from Infopath to ServiceNow.
- Developed workflows for approvals, notifications, tasks, and automated actions.
- Created UI Policies, Client Scripts, and Script Includes for Catalog Items and customized SLAs and OLAs.
- Integrated instances with Scripted REST API to trigger automated administrative actions and reduced manual workload by 50%.
- Demonstrated ServiceNow's integration with Active Directory using LDAP and Scheduled Jobs.

Utilized: ServiceNow ITSM, JavaScript, Active Directory, Windows Server 2016

SOFTWARE PROJECTS

Personal Website: http://venkatam.com (for additional information and projects)

Resource Ninja (Innovation Hub, ASU)   September 2018 - December 2018
Utilized: MySQL, Django 2.0, HTML, CSS, JavaScript, Git
Methodology: Waterfall SDLC
- Conducted interviews with end users and stakeholders to gather requirements.
- Implemented SQL query optimization techniques and improved database access speed by 30%.

CERTIFICATIONS

- Server-side Development with NodeJS, Express and MongoDB by The Hong Kong University of Science and Technology