

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

COURSEWORK

Software Engineering Advanced SQL Programming Algorithms and Data Structures Cloud Computing with AWS

EMPLOYMENT

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.
- Help cut costs in Cloud Operations by developing automation tool with open source software.
- Develop a test cloud environment on Amazon Web Services with a VPC, Subnets, Managed AD and EC2 instances.
- Spin up Windows Servers to set up SQL servers, IIS servers and WSUS server for the test environment.
- Use AWS OpsWork (Chef) 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, Active Directory, WSUS

Software Developer Intern **Mettle Solutions LLC, USA** January 2019 – Present

- Developed web services with REST to be consumed by customers and tested REST API with Postman.
- Translated shell scripts into python scripts to improve security and provide web integration.
- Performed unit tests on python scripts.

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

ServiceNow Developer Intern **Eastman Chemical Company, India** July 2018 – August 2018

- Assisted in migrating workflows from Infopath to ServiceNow.
- Delivered five Service Catalog Items to production.
- 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.
- Demonstrated ServiceNow's integration with Active Directory using LDAP and Scheduled Jobs.
- Explored Incident Management, Request Management, Knowledge Management, and Problem Management.

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.
- Improved the hub's productivity and reliability greatly by automating their manual workflows and approval systems.
- Worked with Python - Django to develop forms and workflows.

Student Party E-VITE Application: Devil's Call February 2018 – April 2018

Utilized: MS-SQL Server, SQL Server Management Studio, Django

- Developed Stored Procedures, Triggers and Constraints in the database of the application with T-SQL on SQL Server Management Studio.
- Optimized queries to improve the performance of the application.

SKILLS

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

ACHIEVEMENTS

- Runners-up at IT Nerdhack 2018 powered by ServiceNow hosted at the Arizona State University.