VENKATA SIVA ABHISHEK MUNUKUTLA

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EDUCATION

Masters in Information Technology	**Arizona State University, AZ, USA**	**GPA: 3.89**	**May 2019**
Bachelor of Engineering in Information Technology	**Osmania University, India**	**GPA: 3.40**	**June 2016**

TECHNICAL SKILLS

Languages	**:** Java, SQL, Python, PERL, T-SQL, PL/SQL, C, C++, PowerShell, Shell/Bash Script
Databases	**:** MySQL, Oracle 9i, MS SQL
Tools	**:** NetBeans IDE, Eclipse IDE, XAMPP, WAMP, Apache Tomcat, MS SQL Server Management Studio, Virtual Box, Microsoft Office, Spark Shell, Matlab, Powershell, Maven, GIT, Docker
Web Technologies	**:** HTML, CSS, XML, JavaScript, PHP, REST, JSON, Bootstrap
Platforms & OS	**:** Linux (Ubuntu), Windows, CentOS, Amazon Web Services

RELATED COURSEWORK

Cloud Computing	Software Engineering	Advanced SQL Programming
Web Technologies	Java Programming	Analysing Big Data

EXPERIENCE

Graduate Services Assistant at Arizona State University January 2018 – Present

Course: Introduction to Java Technologies

- Assist professor with instructional responsibilities.
- Hold weekly tutoring sessions online and on campus.

ACHIEVEMENTS

- Runners-up at ASU Hackathon (IT NerdHerd) powered by ServiceNow.
- Published a paper titled “Internet of things: Obstacles and Challenges” in International Journal of Application and Innovation in Engineering and Management (IJAIEM), Volume 5, Issue 10, October 2016

ACADEMIC PROJECTS

Arizona State University, USA

Student Party E-VITE Application on ServiceNow March 2018 - Present

Technologies: ServiceNow, AngularJS, JavaScript, MS-SQL Server, SQL Server Management Studio.

- The objective of the project is to develop a comprehensive online event invitation system for students.

Workflow automation for TPMS Heat Exchanger project February 2018 – Present

Technologies: Python 3.5, Blender 2.79, Bash/Shell Scripting, Docker

- Automate the process of surface generation, adding thickness, and creation of STL file for 3D printing.
- Create scripts to accept inputs for customizing the surface.
- Develop a Docker container to overcome dependency issues and to create a ready-to-use environment for Blender with PyMCubes package.

Analysing crime data from the city of Los Angeles using Amazon Web Services November 2017 – December 2017

Technologies: Java, AWS Elastic Map Reduce, AWS Athena, Tableau, and AWS S3

- Ran MapReduce on Amazon EMR with a transient cluster to reduce setup time and lower cost up to 90%.
- Connected Tableau Desktop to Amazon Athena to create Tableau Dashboards for visualizing output.