PRAMOD MEKAPOTHULA

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EDUCATION

Masters in Information Technology	**Arizona State University, AZ GPA 4.00**	**Dec 2018**
Bachelor of technology in Computer Engineering	**National Institute of Technology, Surat GPA 3.50**	**May 2014**

TECHNICAL SKILLS

Languages	: JAVA, PYTHON, SQL, PLSQL C, C++, PowerShell, Linux Scripting, Ruby.
Web Technologies	: HTML, XML, JavaScript, CSS, PHP, SOAP, Restful Web Services, Bootstrap.
Databases	: MSSQL, MySQL.
Tools and Software Development	: AWS, Docker, Chef, VMware, Jenkins, GIT, SVN, Spark, Ansible, SonarQube, Eclipse, SQL Developer, Wire shark, IP tables, Agile, MS Office.

RELEVANT COURSEWORK

Cloud Computing	Advanced Operating System	Information Security
Advanced SQL Techniques	Software Engineering	Analyzing Big Data

PROFESSIONAL EXPERIENCE

Software Engineer Intern, Edgenuity, Scottsdale, Arizona, USA   **Aug 2017 – Present**
- Worked as a cloud developer with AWS and Serverless framework.
- Developed new Lambda functions and API gateway for migrating existing web application to cloud.
- Fixed bugs and worked on developing Docker images for continuous deployment.

System Administrator, Arizona State University, Tempe, Arizona, USA   **Feb 2017 – Jul 2017**
- Developed Ansible scripts for automating application deployments.
- Monitoring servers, performance tuning, and troubleshooting network communication.
- Developed a website to store inventory information and manage scheduled tasks status.

Software Engineer, Unisys Corporation, Bangalore, India   **Jul-2014 - Dec-2016**
- Served as Automation Engineer. Developed automation scripts using Chef, PowerShell, VMware, Shell Scripting.
- Reduced network setup time by 50% from 6 hours to 3 hours.
- Developed WebServices using rest that are consumed by Stealth CSA portal.
- Resolved the technical issues and worked on bug fixing.

PROJECTS

Customer Simulation and Automation   **Technologies: Java, Chef, PowerShell, Python, VMware**
- Developed silent deployment scripts to spin up customer environment in R &D lab.
- Developed portal for testing team which enables customer specific Stealth software deployment.

Meetup Portal for ASU   **Technologies: Java, JDBC, SQL, HTML, CSS**
- Developed fully functional portal for knowledge sharing between students and faculty.
- Implemented SQL query optimization techniques and improved database access speed by 30%.

PyTranslator   **Technologies: Python, C#, Test Scripting Language (TSL)**
- Developed translator to convert test scripting language scripts to C# using Python regex module.
- Reduced automation test suite development time by 50%.

Continuous Integration Pipeline for ASU meetup portal   **Technologies: Java, Maven, Jenkins, Jacoco, SonarQube**.
- Developed CI pipeline covering the stages code quality, code coverage. Jenkins build is configured based on GitHub repository commit.

AWS Web Application (Website)   **Technologies: AWS, Docker, Java**
- Used various services of Amazon S3, EC2, RDS, Docker and created web application for login and registration.
- Created VPC (Virtual Private Cloud) and configured an EC2 web hosting instance and an auto scaling application.

AWARDS AND PATENTS

- Filed for patent US 15/668,919 (Elastic Container Management System) and received award from Unisys Corporation.
- Received Quarterly Innovation Award from Unisys Corporation for the work on CSA project.