Jayashree ArunKumar

AWS Certified Solutions Architect – Associate **(SAA)**   Phone: 732-604-9527
AWS Certified Developer – Associate **(DVA)**   Email: jshreearunkumar@gmail.com
AWS Certified SysOps Administrator – Associate **(SOA)**   **L**inkedIn: linkedin.com/in/jshreearun

Overview

AWS DevOps Engineer certified in **AWS Solution Architect (SAA), Developer (DVA), SysOps Administrator (SOA) - Associate** with knowledge in design, development, testing and implementation of DevOps, Cloud solutions and provisioning related web services.

Education

MS in Engineering, University of Wisconsin, Milwaukee
ME in Computer and Communication Engineering, Anna University, India
B Tech in Information Technology, Anna University, India

Certifications

AWS Certified Solutions Architect – Associate (SAA)
AWS Certified Developer – Associate (DVA)
AWS Certified SysOps Administrator – Associate (SOA)

Skills

- Expert in identifying and recognizing best practices for AWS cloud architecture considerations to effectively design cloud services, plan and monitor appropriate web services using **Amazon S3, Glacier, EC2, CloudFormation, Amazon VPC, Identity and Access Management** to code and implement highly secured cloud solutions.
- Recognised and implemented secure practices for optimum cloud deployment using **AWS IAM, encryption controls, conventional firewalls and VPN's, complex access controls like sophisticated security groups and ACL's**
- Know how to design, scale, read and write from an **Amazon Dynamo DB table**
- Proficient in designing, loading, querying **Amazon Redshift** and securing DB's, tables and clusters
- Expertise in **Critical disaster recovery techniques, Automated backups, Manual DB snapshots and Multi-AZ**
- Skilled in identifying appropriate techniques and methods using **EC2, S3, Elastic Beanstalk, Route 53, SQS and SNS**

Work experience

1. **Technical consultant** - October 2014 – Present
   LTI – Edison, NJ
   Citi KYC

   Environment
   GIT / Bit Bucket / Jenkins / Artifactory / UNIX / Docker / Kubernetes / Eclipse / TortoiseSVN / SharePoint / Service-Now / Microsoft Desktop Environment / Python / Java / J2EE / Oracle

- **DevOps Engineer** in Banking and Financial Services **(BFS)**, large scale enterprise **KYC** for a major financial client in east coast, taking care of the Build Operations, Deployment and Release cycle across geographical locations.
- Hands on experience in developing scripts for **Automations, Build Operations, Deployment and Release in Jenkins**

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- Managed, monitored and escalated issues with multiple teams like **QA teams, Release and Change Management team, Build team, Compliance team, Development team** with appropriate level of urgency
- Mastered the entire Citi KYC Application architecture and components, liaised with **QA, DEV, DB, ETL, Build, RCM teams** to schedule deployments
- Made sure the **hotfixes are deployed timely, only after being tested and signed off in the PROD** and ensured to accommodate any last-minute Business critical PRB fixes
- Served as the primary point of contact across **geographical locations NAM, LATHAM, APAC, IDN, EMEA, KR/MX** on validation for build operations, deployments and release

2. **Research Assistant** – August 2012 – September 2014
   University of Wisconsin – Milwaukee, WI
   Virtual Reality (VR), House of Quality (HOQ) & Speech Recognition

Environment

Python / ASP .Net / C# / Blender / AWS / Linux / Ubuntu / Windows

- Designed and developed the low-cost virtual reality game using C#, Blender animation software and Python for server-side scripting
- Calculated joint angle computations for all joints in upper limb including wrist, shoulder and elbow using Python
- Created Virtual kitchen patient interface using Blender animation software
- Developed different scenes in blender and created objects to interact with the patients
- Captured and tracked the upper limb positions using hardware like Kinect and P5 glove
- Developed client-side scripting using C# to capture the motion tracking device transmittals
- Conducted usability testing with stroke patients and analysed the test results with House of Quality method
- Implemented performance tuning of sources, targets, mappings and sessions by identifying bottlenecks