JUNAID ISHAQ

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OBJECTIVE

Self-Motivated IT Professional looking for opportunities to utilize my skills and abilities in a dynamically growing organization where my professional skills, knowledge and abilities are enhanced while being resourceful and innovative. I seek to learn and gain a global exposure, knowledge of best practices in the cloud and methodologies in DevOps and the latest industry developments in the field.

PROFESSIONAL SUMMARY

About 3 years of IT Experience working as Software Developer and Cloud/DevOps Engineer. Experience in Release Management and Cloud Implementations and deployments of artifacts for entire life cycle model in enterprise applications with a major focus on AWS.

- Experience in **Cloud migration**, **Configuration Management**, **End-to End Automation** and **monitoring** processes as well as DevOps development in Windows, Linux and Mac systems.
- Expertise in AWS Cloud Administration which includes services like: **EC2, S3, IAM, EBS, VPC, ELB, Route 53, Auto Scaling, Security Groups and Cloud Formation**. Experience with container-based deployments using **Docker** and used **Kubernetes** for the Orchestration purpose.
- Experience with **AWS** instances spanning across **Dev, Test and Pre-production** and **Cloud Automation** through open source DevOps tools.
- Good Hands-on-Experience in using **Continuous Integration**, **Continuous Deployment**, **Configuration Management**, Build/release tools such **as Maven, Chef, Ansible, Terraform, Jenkins, Packer and Docker.**
- Experience in working with **Terraform** and **AWS Cloud Formation** templates for automating **VPC's, ELB's, Security groups, SQS queues, S3 buckets** and continuing to replace the infrastructure.
- Developed build and deployment scripts using **ANT** and **MAVEN** as build tools in **Jenkins** to move from one environment to other environments.
- Experience in managing **GitHub** repositories- permissions, recursively adding, backing out changes, naming Alias, ignoring, comparing, merging, branching and tagging. Understanding **Git** workflow- add, commit, pull and push.
- In-depth knowledge of core java concepts such as **OOPS, Collections, Threading, Generics, Exception handling, Multi-Threading, Execution services, concurrent utilities, File IO, Garbage Collection** and **Serialization**.
- Experience in **HTML, CSS, JavaScript and Files creation** with extensive coding knowledge for Front-End Development.
- Experience with relational **MySQL databases** and **Non- relational NoSQL Databases**.
- Ability to learn and apply new technologies quickly and excellent organizational and time management skills.

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CERTIFICATION

AWS Solution Architect Associate

EDUCATION

Master of Science in Computer Science   December 2018
University of Illinois Springfield, Springfield, IL

TOOLS

DevOps Tools	Chef, Ansible, Docker, Kubernetes, Jenkins, ELK Stack, Maven, Git, SVN
Cloud Platform	Amazon Web Services, Azure
Operating Systems	UNIX, Linux, Windows, Mac OS
Web Technologies	Servlets, JDBC, JSP, HTML, JavaScript, XML
Web/Application Servers	Tomcat, Apache, Web logic, WebSphere iplanet and JBoss
Database	Oracle, SQL Server, MySQL, MS-SQL
Languages	C/C++, HTML, JAVA, JSON, YAML, Python, Perl, Ruby and Shell Scripting

PROFESSIONAL EXPERIENCE

DevOps / Cloud Engineer | Corbinsoft Solutions | Austin, TX, USA   March 2019 – May 2021

- Strong expertise in the fields **of Cloud Computing, Continuous Integration/Continuous Deployment (CI/CD)** using various Automation tools to oversee the end to end deployment process.

- Expertise in architecting secure **VPC** Solutions in AWS by configuring **Network ACLs, Routing tables, Security Groups, NAT Gateways, Private** and **Public** network configurations.

- Experienced in writing **Python** scripts to manage **AWS** resources from API calls using **BOTO SDK** and by using **AWS Command Line Interface (CLI)**.

- Managed **EC2** instances using launch configuration, **Auto scaling, Elastic Load balancing**, automated the process of provisioning infrastructure using **Cloud Formation, Ansible templates**.

- Managed storage in **AWS** using **Elastic Block Storage, S3**, created Volumes, configured **Snapshots**.

- Implemented scalable, secure and disaster recoverable cloud architecture based on **AWS**.

- Involved in deploying multi-tier applications utilizing **AWS stack (EC2, Route53, S3, RDS, DynamoDB, SNS, SQS, IAM)** focusing on fault tolerance and auto-scaling.

- Used **AWS Beanstalk** for deploying and scaling web applications and services developed with **PHP, Node.js, Ruby, and Docker** on familiar servers such as **Apache**, and **IIS**.

- Used **Terraform** in **AWS Virtual Private Cloud** to automatically setup and modify settings by interfacing with control layer.

- Responsible for maintaining **GIT/SVN** Repositories, and access control strategies.

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- Developed templates for **AWS** infrastructure as a code using **Terraform** to build staging and production environments.
- Setup **Jenkins** master-slave architecture to use **Jenkins** as pipeline as a service. Managed configurations of multiple servers using **Ansible**.
- Implemented End to End automated **CI-CD pipeline** for build and deployments using **Jenkins, groovy** & **Shell** scripting with stages like checkout, unit testing, build and package, deploy to test and QA, End to End UI testing.
- Created **Docker** images using a **Docker** file, worked on **Docker** container snapshots, removing images and managing **Docker** volume and Implemented **Docker** automation solution for **Continuous Integration / Continuous Delivery** model.
- Experience with creating **Docker** containers and **Docker** consoles for managing the application life cycle.
- Maintained build related scripts developed in **shell** for **Maven** builds. Created and modified build configuration files including POM.xml

Software Developer | Radax Software Solutions | Hyderabad, India   May 2017 - Dec 2017
- Responsible for providing End to End applications migration to the **AWS Cloud**.
- Involved in setting up **Jenkins** Master and multiple slaves for the entire team as a **CI** tool as part of **CI/CD** process. Created parameterized jobs to kick off builds for different environments.
- Created post-commit and pre-push **hooks** using **Python** in **Bitbucket** repositories. Resolved merging issues during rebasing re-integrating branches.
- Worked with **Jenkins** API's to know various things like build status, count of builds, commit version used by **Jenkins** builds etc. using **Groovy**.
- Configured **LDAP** server and **LDAP** client on **Linux** machines for authentication and authorization.
- Worked on **Vagrant** to configure lightweight, reproducible, and portable development environments.

PROJECTS

- Built a recommender system for recommending movies to users using a pre-processed dataset "MovieLens" in spark and scala.
- Successfully created a functional database system to store and manage information regarding faculty, department, student and courses.
- Created a Python desktop application system with features to run and manage a restaurant.
- Initiated a start-up in junior year (2015), an e-commerce website (www.thestudentkart.com) where students can buy and sell books, college material and other accessories.
- Created an Android application which contained year wise question papers and syllabus of my coursework.
- **Major Project:** Successfully designed and implemented an Android based application for taking and managing attendance of students in schools or colleges.