**Jeff Jones**

*916 Totis Rd · Email: jjones150@gmail.com · phone: 210-332-7952*

**Systems Architect/DevOps**

**Overview:**

Knowledgeable Cloud Systems Architect and Developer with experience in Full-Stack Environments (DevOps), including database architecture and programming. Experience working with very large, enterprise data sets. Extensive use of ETL and automation of production tasks.

**Qualifications:**

* 4+ yrs AWS: Route53, EC2, VPC, EBS, S3, Glacier, ELB, EFS, bootstrapping with aws CLI, IAM and Roles
* 5+ yrs of experience working in all areas of agile SDLC.
* 5+ yrs of Systems Analysis/Development
* 6+ yrs of RDBMS (MySQL, PL-SQL, PostGres, MSSQL, etc) and non-RDBMS (SQLite, Couch, DynamoDB, Mongo)
* 2+ yrs CI/CD with Jenkins Pipelines, Groovy, Ansible.
* 2+ yrs containerization with Docker; some kubernetes
* Software development versioning (git/git-hub, bitbucket, sourcetree, etc.)
* Experience working with test plans and test cases
* Joint Application Development (JAD) experience

**Skills:**

* S3 bucket lifecycle policies, elastic load balancers, multi-AZ deployments, and Read Replicas of db servers, configuring VPCs, subnets and ec2 instances
* full-stack developer on AWS, LAMP, IIS platforms.
* Jenkins freestyle projects and piplines with Groovy for Continous Integration, custom playbooks with ansible for configuration management and maintenance.
* Integrated github repo with Jenkins to trigger build on commits, etc.
* Extenisve Use of Docker: dockerhub, dockerfiles, images, containers, commits, back ups, transfers, etc.
* .Net/C# framework, BASH, shell-scripting , Java, PHP, Ruby, JQuery, Ajax, Bootstrap, CSS
* Proficiency with Drupal module development.
* Experienced database programmer (Oracle, MSSQL, MySQL, Couch DB SQL, NoSQL Postgres)

**Professional Experience**

**City of Austin – *Senior DevOps Engineer*  – 01/2017 – present**

* Developed custom LIMS (Lab Info Management System), saving the city $300,000. Application built on the cloud with AWS Aurora on the backend. PHP, Jquery, Ajax on the front-end.
* Jenkins freestyle projects and piplines with Groovy for Continous Integration, custom playbooks with ansible for configuration management and maintenance.
* Provisioning VPCs, subnets and Dockerized ec2 instances for infrastructure as code.
* Configure aws security groups, roles, NACLS and web application firewalls for security.
* Elastic load balancers, multi-AZ deployments, and Read Replicas of database servers
* S3 bucket policies to comply with retention of records policies.
* Maintained github repo for project
* Privileged Account Management
* ETL using MSSQL, Oracle, and custom .NET programs.
* Advanced Excel programming (heavy use of formulas, condition, and VB scripts).
* Identity & Access Management

**Wellmed – *Senior Devops Engineer* – 11/2014 – 12/17/2016**

* After a one year contract, I was promoted directly from a consultant to a Senior position, skipping over an entire level in the promotional hierarchy.
* Operated in a Lead Analyst role to train a new manager and three other senior analysts on how to implement use of the new system for submitting claims data to our trading partners.
* Assisted in development of new data warehouse using Amazon Redshift.
* Analyzed data with Hive and custom Couch database.
* Identity & Access Management
* Extensive knowledge of x12 and XML formatted claims data.
* Complex joins and views of claims reconciliation data.
* Business process automation using Jenkins Freestyle jobs.
* Wrote custom schools and scripts involved with automation of business processes using C#, bash, and python.
* Access Management Projects

**Southwest Research Institute 01/*2011-10/2014* – Senior Data Analyst/Business Intelligence Developer pharmaceutical research**

* EDW processing and reporting of large data volumes
* Analysis of data on distributed database clusters.
* Wrote custom tools in C#, bash and python to correct errant data in the datawarehouse.
* Created vmware linux and windows machines for data processing.

**UTSA - University Hospital *2008-2010*- Anesthesia Resident**

**Certifications**

AWS Certified Solutions Architect Associate – 4/2018

AWS Certified Developer – 5/2018

**Education**

Texas Tech University Health Sciences Center

Doctor of Medicine

University of Texas at Dallas, Richardson, TX

Bachelor of Science – Chemistry (Mathematics Minor)