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OBJECTIVE: Junior Software Developer [JOB ID XXX-XXX-XXX]

SKILLS

- SQL
- NodeJS
- Python
- JavaScript
- Amazon Web Services
- Lambda
- S3
- EC2
- Problem Solving
- API Gateway
- Full-stack web development
- Selenium WebDriver
- Maven
- CloudFormation

CERTIFICATIONS

- AWS Solution Architect Associate— *May 2018*
- AWS SysOps Admin Associate – June 2018
- AWS Developer Associate – *April 2018*
- CSC,LLQP, & CPH – *Aug 2018*

PROFESSIONAL EXPERIENCE

SOFTWARE DEVELOPER, HM GLOBAL CONSULTING, MONTREAL, CA

NOVEMBER 2018 – PRESENT

- Developed and maintain an internal application in JavaScript including improvements to the back-end application
- Designed MySQL database, tables and views structure for an internal system application used by all employees in the company
- Optimized query performance and populated test data into a MySQL Database running on AWS
- Implemented and maintained the database using Procedures, Functions, Cursors and Triggers
- Performed quality assurance and testing of the MySQL environment, including performance testing and load testing
- Developed Automated unit, integration, system and user acceptance tests that resulted in the internal application meeting 100% of quality criteria

AMAZON WEB SERVICE DEVOPS CONSULTANT [CONTRACT], SALIENT EDGE- CARY, USA

MAY 2018 – AUGUST 2018

- Evaluated the company's current cloud infrastructure and recommended several architectural improvements to the current infrastructure to make it fault-tolerant and reliable
- Responsible for provisioning and integrating several AWS cloud elements as per the recommendations, resulting in Cost reduction from unnecessarily provisioned EC2 instances, more secure, reliable, fault tolerant infrastructure.
- Developed and executed over 25 Tests to verify that the system latency, performance and reliability met or exceed the user's specifications

SNR TECHNICAL ASSISTANT, KUWAIT OIL COMPANY – AL AHMADI, KUWAIT

NOV 2014 – MAR 2015

- Designed Relational Database system (RDS) to digitalized the paper-based data on MySQL
- Transformed data into reports by creating a excel KPI Dashboard using pivot tables, and Excel macros
- Presented the analytics and results to senior engineers to devise data-driven decisions.

RELEVANT PROJECTS

CLOUD INFRASTRUCTURE [CONTRACT], [AcCloudDcs start-up](#)

JAN 2018 – MARCH 2018

Analyzed requirements and delivered cloud infrastructure for this start up from scratch:

- Built an AWS based cloud infrastructure for users to upload, download, edit files using Amazon S3 buckets.
- Provision an active directory which holds the user's credentials
- Built RStudio Service for the users to use through the cloud infrastructure
- Run Automated tests to check the functionality and performance of the designed system using unit, integration, and Regression Testing

Services used:

- Setup/Managing VPC, Subnets; make connection between different zones; Blocking suspicious ip/subnet via ACL.
- Administrate and control SSO via EC2
- Initialize RStudio application on an EC2 instance
- Maven
- Federation of active directories such as Shibboleth/ADFS with AWS console
- Create a CloudFormation Template for faster setup provisioning
- Setup/Managing CDN on Amazon CloudFront (Origin Path: Server / S3) to improve site performance
- Create/Managing buckets on S3 (CLI)/ AWS console
- Create S3 bucket space alert and automatic deletion via Lambda Functions
- Create Notification system using SNS
- Selenium

SERVERLESS VIDEO SHARING WEB APPLICATION, PERSONAL PROJECT

Created a video sharing web application similar to YouTube where the user can upload and view videos.

- Use of third party Authentication service like Auth0 for login and signup
- Create the web application via s3 bucket
- Create s3 bucket as Source bucket where the user uploads his video
- Use Lambda functions to take the video uploaded and deliver it to elastic transcoder
- Transcode video using elastic transcoder and AWS SDKs
- Store videos transcoded into new Destination s3 bucket
- List Videos transcoded using Firebase
- Create API endpoint using API Gateway in conjunction with lambda to get user's information
- Set up browser based upload to s3 using API Gateway and Lambda functions

EDUCATION

BACHELOR OF ENGINEERING, DALHOUSIE UNIVERSITY – HALIFAX, NS

MAY 2014

Major in Mineral Resources. Relevant courses taken are Geology, mine production engineering, mine ventilation, equipment selections, soil mechanics and rock mechanics

Continuous Studies Courses

- AWS Solution Architect Associate Course – Jan 2018 – Mar 2018
- AWS Developer Associate Course – April 2018 – April 2018
- The Ultimate MySQL Bootcamp – Mar 2018 - Mar 2018
- Web Developer Bootcamp – Jan 2018 – June 2018