RESHMA GANAPATHI

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## 5.8Years of experience in Python AWS Developer with experience in AWS lambda development for REST APIs in python with strong knowledge in AWS services, API Gateway, Microservices, SQL, Python.

## I am seeking challenging assignments where my technical skills and domain knowledge can be utilized towards continuous self-growth and advancement of the organization.

**PROFILE SUMMARY**

* Skilled in designing, building, and deploying scalable applications on AWS Infrastructure.
* Expertise in AWS Services, Linux, Python and software Development and Testing methodologies.
* Proficient in databases like Mysql, Postgres, MongoDB.
* Experience working agile environments, collaborating with cross-functional teams and delivering quality solutions
* Experienced in Insurance and hospitality domains in managing aws services and developing APIs.
* Worked exclusively on making applications morescalable and highly available system in aws load balancing with full automation.


## PROFESSIONAL EXPERIENCE

**Consultant**

### Deloitte Consulting LLP (USI) Apr 2021 - till date

Project – State Auto Insurance Companies

* + Worked as Developer for AWS Lambda (python) API’s , Started with understanding of mule cloud technology, Microservices, RESTful Services and provided production support to the APIs.
	+ Worked on enhancements, bug fixing, exception handling, error handling of the APIs
	+ Monitor for any failed API requests and investigate for the root cause and perform the necessary actions.
	+ Wrote karate scenarios for the tests and integrated with Jenkins pipeline.
	+ Performed dynamo DB configurations for API Schema and other modules of the API
	+ Interact with other team when there is a change happening in modules that our API's are utilizing and perform required actions
	+ Wrote contract tests for each functionality developed, responsible unit and functional testing of python modules.
	+ Used AWS CI/CD code pipeline for deployment
	+ Maintain documentation of API parameters and configurations

### Skills/Tools – AWS, Python, Postman, MongoDB, Linux, Karate Testing, API Gateway, Microservices

**Associate IT Consultant**

**ITCINFOTECH PVT LTD Oct 2017 - Mar 2021**

Project – ITC Hotels

* + Worked as Cloud Engineer for application migration to cloud.
	+ Worked exclusively on making applications morescalable and highly available system in aws load balancing with full automation.
	+ Experience in Amazon web services resources EC2, VPC ,IAM, S3,cloud front, Cloud watch, cloud formation, RDS CONFIG,SNS,SQS, Elastic Bean Stalk, EBS etc.
	+ Build and release EC2 instances Amazon Linux, Redhat for development and QA environment.
	+ Attaching or detaching EBS volume to AWS EC2 instance, handled cloud administration tools and management frameworks, configured cloud watch alerts.
	+ Launching and configuring of EC2 cloud servers using Linux and configuring the servers for specified applications,
	+ Configuring and managing security groups.
	+ Configuring and managing ELBs, S3 storage
	+ Creating and configuring S3 bucket with restricted policies.
	+ Managing backups of instances and EBS storage
	+ Hands on experience on vpc, subnets and route tables etc.

### Skills/Tools – AWS, Linux, Python

**TECHNICAL SKILLS**

Public Cloud : AWS

Framework : Serverless

DevOps Tools : Git, jenkins Editors : VS Code, IntelliJ

Language : Python(3.8, 3.9)

CI/CD : AWS CodePipeline

API : REST

OS : Windows, Linux

AWS Services : S3, EC2, LAMBDA, IAM, SES,

Cloud front, IAM, VPC, EBS, SNS, Secrets Manager, API Gateway Cloud formation, Cloud watch, Dynamo DB, Load Balancers, Stepfunctions, Route 53

API Security : OAuth, Basic Monitoring : Cloud watch, Splunk Others : Confluence, JIRA


## ACADEMIC DETAILS

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| --- | --- | --- |
| **Qualification** | **Board /Year of passing** | **Percentage** |
| BE (ECE) | Visveswaraya University, Belgaum 2013-2017 | 74.06% |
| PUC (PCMC) | KARNATAKA STATE BOARD, 2011-2013 | 82.83% |
| SSLC | KARNATAKA STATE BOARD, 2011 | 93.76% |

**CERTIFICATION**

* AWS Certified Cloud Practitioner 2022 , ID - VCJMYZPLFFVQ1KWQ

# I hereby declare that above details are true to the best of my knowledge and belief.

Reshma G.