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**<Tejaswini Dashrath Khamkar>**

**Senior Cloud Engineer**

**Experience Summary**

<Add a summary and include the below points as applicable: >

* More than 7 years of experience Software development of using Python and AWS services.
* Strong experience as AWS Python developer.
* Strong Experience in architecting, designing, and migrating applications on AWS Cloud.
* Experience on AWS Services such as EC2, Cloud Watch, IAM, S3, Cloud trail, SQS, SNS, VPC peering, RDS, DynamoDB, Load Balancer, Auto scaling, EFS, Code catalyst, AWS CDK.
* Worked on Agile Methodology.
* Ready to learn new Skills/Technologies.
* Experience on JIRA, Bitbucket & GitHub.
* Collaborate with the Product Development team to ensure consistent project execution.

 **Skills Summary**

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| **Domain** | * Telecom, Insurance, Energy and Utility and Health Care, Semiconductor |
| **Programming Languages** | * Python (Core) |
| **Tools / DB / Packages / Framework / ERP Components** | * My SQL Work bench, JSON, Postman, MySQL, Visual Studio Code, Git, JIRA |
| **Cloud Platform** | * AWS cloud platform |

**Educational Qualification**



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| **Education Details** | Bachelor of Engineering (ENTC) in 2015 with Distinction. |

**Professional Certifications/ Trainings**

1. Training Cloud Practitioner
2. AWS Partner: Sales Accreditation(Business)
3. AWS Partner Accreditation: Technical
4. AWS Partner Accreditation: Cloud Economics

**Experience Summary**

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| Vodafone Idea Limited | Senior Engineer | From Mar 2016 till Oct 2018 |
| Vodafone Shares Service India | Assistant Engineer | From Nov 2018 till Oct 2022 |
| LTI Mindtree | Senior Cloud Engineer | From Oct 2022 till Current |

**Work Experience**

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| **Project 1** | | | |
| **Project Name** | NXP (Cloud Modernization) | **Team Size** | 5 |
| **Start Date** | July 2024 | **End Date** | Dec 2024 |
| **Project Description** | * The NXP client has transitioned from an on-premises infrastructure to AWS cloud. This shift necessitates converting over 300 cron jobs in the span of 6 months from shell scripts to Python to enhance automation and modernization, ensuring seamless integration and optimized performance in the new cloud environment. | | |
| **Role & Contribution** | Role Played in the Project:  Add the Responsibilities:   * Worked as a Backend developer for this project which is on python and AWS. * Worked on implementing various functional expectations on the backend side as desired by the client and described on the JIRA stories. * Worked on code optimization and code review. * Integrated AWS services such as AWS Lambda, API Gateway, CloudWatch, DynamoDB, Parameter Store, Step Function, Event Bridge. * Converted over 60 crons jobs as Python Developer. * Worked on creating RDS Aurora Database through AWS CDK with Python. * Deployed application on AWS through Code catalyst | | |
| **Technology &Tools** | * AWS, Python, Visual Studio Code, JIRA, Code catalyst | | |

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| **Project 2** | | | |
| **Project Name** | Tech Refresh | **Team Size** | 5 |
| **Start Date** | April 2022 | **End Date** | Aug 2023 |
| **Project Description** | Tech refresh is an integration project which was formed to establish and develop interfaces between various client subsystems like Maximo, IQGeo, OMS, QuickBase etc. to communicate between each other and incorporate the business logic as required by the client. This is inclusive of Data manipulation, Error Handling etc. The objective of the Project was to pass the data from one sub system to another sub system as per the required data cycle defined for each integration, for e.g., Crew updates to be passed from onsite lineman to the Maximo database along with status info etc. | | |
| **Role & Contribution** | Role Played in the Project:  Add the Responsibilities:   * Worked as a Backend developer for this project which is on python and AWS. * Worked on implementing various functional expectations on the backend side as desired by the client and described on the JIRA stories. * Development of unit test cases. * Worked on code optimization and code review. * Integrated AWS services such as AWS Lambda, API Gateway, CloudWatch, DynamoDB, Parameter Store, SQS, SNS * Deployed application on AWS through Jenkins | | |
| **Technology &Tools** | * AWS, Python, Visual Studio Code, Postman, Bitbucket, JIRA | | |

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| **Project 3** | | | |
| **Project Name** | Proactive Outage Notification | **Team Size** | 10 |
| **Start Date** | Dec 2019 | **End Date** | June 2022 |
| **Project Description** | To Improve the customer experience and reduce costs  Improved notification efficiency using Twilio platform resulting in savings Thousands of Dollars / Years  80% savings in notification cost for ERT messages to customers  50% reduction in translational cost by reducing duplication of messages | | |
| **Role & Contribution** | * Worked as a Backend developer for this project which is on python and AWS. * Worked on implementing various functional expectations on the backend side as desired by the client and described on the JIRA stories. * Development of unit test cases. * Worked on code optimization and code review. * Integrated AWS services such as AWS Lambda, Step Function API Gateway, CloudWatch, DynamoDB, Parameter Store, SQS, SNS * Deployed application on AWS through Jenkins | | |
| **Technology &Tools** | AWS, Python, Visual Studio Code, Bitbucket, Jenkin | | |

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| **Project 4** | | | |
| **Project Name** | AWS 3 tire architecture | **Team Size** | 10 |
| **Start Date** | Nov 2018 | **End Date** | Oct 2022 |
| **Project Description** | Design 3 Tier Web server architecture. Used lambda function in AWS to automate task by python scripting (boto3). User Management: Creation of User, group, roles and Custom IAM Policy for Multiple Stockholder. Creation Bucket, implementing versioning, configuring AWS s3 lifecycle policy, cross region replication, S3 Buckets and providing access via Bucket Policy. | | |
| **Role & Contribution** | * Creation of EC2 Instance with multiple configurations for multiple stack holders. Maintaining and troubleshooting of EC2 services like launching instances as per project requirement, attaching and expending volumes, configuring security group, managing Elastic IP and Creating IAM rules with required policies. Adding Managing and Troubleshooting Multiple Root EBS Volumes and EBS Volume on AWS EC2. Migration of EC2 Instance from One Region to Another Region. * Hand on experience with Elastic Load Balancer & Auto-Scaling. Responsible for taking manual backups of volumes and EC2. Responsible for extracting event reports using cloud trail for auditing. * Implementation and management of Hosted Zone on AWS Route53. * Implemented VPC with public and Private Subnet and maintaining the route table, internet gateway, Nat Instances within the VPC for 3 Tier Web Applications. | | |
| **Technology & Tools** | AWS, PyCharm, Python | | |



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| **Project 5** | | | |
| **Project Name** | UCA FFD Automation | **Team Size** | 9 |
| **Start Date** | May 2016 | **End Date** | Mar 2017 |
| **Project Description** | Handling Automation projects deployment in NOC including Inventory management. | | |
| **Role & Contribution** | * Creation of EC2 Instance with multiple configurations for multiple stack holders. Maintaining and troubleshooting of EC2 services like launching instances as per project requirement, attaching and expending volumes, configuring security group, managing Elastic IP and Creating IAM rules with required policies. Adding Managing and Troubleshooting Multiple Root EBS Volumes and EBS Volume on AWS EC2. Migration of EC2 Instance from One Region to Another Region. * Hand on experience with Elastic Load Balancer & Auto-Scaling. Responsible for taking manual backups of volumes and EC2. Responsible for extracting event reports using cloud trail for auditing. * Implementation and management of Hosted Zone on AWS Route53. * Implemented VPC with public and Private Subnet and maintaining the route table, internet gateway, Nat Instances within the VPC for 3 Tier Web Applications. | | |
| **Technology & Tools** | AWS, PyCharm, Python | | |

*\*\* Add the additional project details if any.*

