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| OBJECTIVE: -  Dynamic professional with a background in customer service at Amazon, transitioning into the AWS domain. Seeking opportunities to leverage expertise gained through a Master's course in AWS from Intellipaat and hands-on experience with real-time projects. |
| Key Skills and Tools: -  1)  **AWS Services**: EC2, VPC, S3, RDS, DynamoDB, CloudWatch, Global Accelerator, Lambda, SES, SNS.  2)  **Deployment and Configuration Management Tools**: Jenkins, Ansible, Docker (Hub, Swarm, Compose), Kubernetes, Terraform, Puppet.  3)  **AWS Management Tools**: AWS Management Console, AWS CLI, AWS SDKs (Java).  4)  **Security and Compliance**: IAM, encryption, GDPR, HIPAA.  5)  **Networking**: VPC, subnets, security groups, network ACLs.  6)  **Databases**: Amazon RDS, DynamoDB, Aurora, Redshift.  7)  **Monitoring and Logging**: CloudWatch, CloudTrail, AWS Config.  8)  **DevOps Practices**: AWS CodePipeline, AWS CodeDeploy, AWS CodeCommit.  9)  **Serverless Computing**: AWS Lambda, API Gateway, Step Functions.  10) **Containerization**: Amazon ECS, Amazon EKS.  11) **Cost Optimization**: AWS Cost Explorer, AWS Budgets, AWS Trusted Advisor.  12) **Troubleshooting and Problem-Solving**: Strong analytical and problem-solving skills.  Projects: -  1. [Secure Web Server Deployment with AWS](https://github.com/Origamini/ImpProMay-1/blob/main/DevOpsCapstoneProject2-Automated%20Deployment%20and%20Scaling%20with%20Docker%20and%20Kubernetes.pdf)     - Deployed secured web servers on Linux using EC2 instances in multiple regions.     - Configured instances with custom AMIs and managed EBS volumes for data integrity.  2. [AWS Infrastructure Administration and Security](https://github.com/Origamini/ImpProMay-1/blob/main/AWS%20Infrastructure%20Administration%20and%20Security.pdf)     - Setup user accounts, groups, and security measures in AWS for administrative tasks.     - Explored security options and identified potential risks using IAM Access Analyzer.  3. [AWS Infrastructure Scaling and Load Balancing](https://github.com/Origamini/ImpProMay-1/blob/main/AWS%20Infrastructure%20Scaling%20and%20Load%20Balancing.pdf)     - Migrated on-premise solutions to AWS for efficient application load handling.     - Implemented dynamic compute resource deployment and set up Application Load Balancer for traffic distribution.  4. [VPC Architecture Setup for XYZ Corporation](https://github.com/Origamini/ImpProMay-1/blob/main/VPC%20Architecture%20Setup%20for%20XYZ%20Corporation.pdf)     - Designed distinct Amazon VPCs for production and development teams with secure connectivity.     - Established peering connections between networks to facilitate communication.  5. [Secure VPC Connectivity with S3 Endpoint](https://github.com/Origamini/ImpProMay-1/blob/main/Secure%20VPC%20Connectivity%20with%20S3%20Endpoint.pdf)     - Implemented VPC endpoints for secure access to S3 buckets using **gateway** and **interface endpoints.**  6. [DynamoDB Setup and Data Migration](https://github.com/Origamini/ImpProMay-1/blob/main/DynamoDB%20Setup%20and%20Data%20Migration.pdf)     - Created DynamoDB tables, migrated data, and ensured data integrity through backup operations.  7. [Redshift Data Warehouse Setup and Querying](https://github.com/Origamini/ImpProMay-1/blob/main/Redshift%20Data%20Warehouse%20Setup%20and%20Querying.pdf)     - Setup Redshift clusters, loaded data, and performed data querying for efficient storage and retrieval.  8. [Automated Web Application Testing Environment Setup with CloudFormation](https://github.com/Origamini/ImpProMay-1/blob/main/Automated%20Web%20Application%20Testing%20Environment%20Setup%20with%20CloudFormation.pdf)     - Automated setup of testing environment using CloudFormation for seamless code testing.  9. [Serverless Web Application Autoscaling with AWS Lambda and SQS](https://github.com/Origamini/ImpProMay-1/blob/main/Serverless%20Web%20Application%20Autoscaling%20with%20AWS%20Lambda%20and%20SQS.pdf)      - Implemented serverless solution using AWS Lambda and SQS for efficient resource management.  10. [Secure Patient Record Delivery with AWS CloudFormation and SNS](https://github.com/Origamini/ImpProMay-1/blob/main/Project%20-%203-Secure%20Patient%20Record%20Delivery%20with%20AWS%20CloudFormation%20and%20SNS.pdf)      - Secured patient record delivery using AWS infrastructure and SNS for private message publishing.  11. [AWS Migration and Auto Scaling for Company ABC](https://github.com/Origamini/ImpProMay-1/blob/main/Project1-AWS%20Migration%20and%20Auto%20Scaling%20for%20Company%20ABC.pdf)      - Migrated Company ABC's infrastructure to AWS with Auto Scaling for high availability.  12. [Rapid DevOps Implementation for Abode Software](https://github.com/Origamini/ImpProMay-1/blob/main/DevOpsCapstoneProject1-Rapid%20DevOps%20Implementation%20for%20Abode%20Software.pdf)      - Implemented DevOps lifecycle for Abode Software's product development with Jenkins Pipeline.  13. [Automated Deployment and Scaling with Docker and Kubernetes](https://github.com/Origamini/ImpProMay-1/blob/main/DevOpsCapstoneProject2-Automated%20Deployment%20and%20Scaling%20with%20Docker%20and%20Kubernetes.pdf)      - Automated deployment and scaling of application containers using Docker and Kubernetes. |
| Education: -   |  |  |  | | --- | --- | --- | | IITM Degree College (2019-22) | Osmania University | CGPA: 9.7 | | Sri Chaitanya Jr College (2017-19) | Intermediate | CGPA: 9.58 | | ST. Anthony’s High School (2016-17) | Primary and secondary Education | CGPA: 9.2 | | |
| Certification: -  - AWS Certification Master’s Course from Intellipaat | |
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