Hyndavi Nanduri

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PROFESSIONAL SUMMARY

Having overall 2+ years of experience and had hands-on experience in building CI/CD Pipelines and AWS Infrastructure Automation.

- Strong experience AWS and GitHub DevOps practices and tools
- Proficiency in infrastructure as code (IaC) using **Terraform** for provisioning and managing cloud resources
- Experience in designing and maintaining robust and scalable AWS Platform for SaaS products and Applications.
- Gained experience in securing CI/CD Pipelines using GitHub **secrets**, **SonarQube**, DAST, Container signing using **Cosign**, Container scaling using **ECR**.
- Proficient in building CI/CD pipelines for APIs, Microservices and Front-end applications using **GitHub Actions**
- Practitioner level exposure to setting up and maintaining multi/**feature-branching** in SCM.
- Developed Terraform scripts to automate provisioning, configuration and management of AWS Cloud Services such as AWS API Gateway, VPC, IAM, S3, SQS, RDS, Dynamo DB, Lambda, ECS, Application Gateway and Network Gateway.
- Experienced in building CI/CD Pipelines using AWS DevOps tools such as AWS **CodeBuild**, AWS **CodeDeploy** and AWS **CodePipeline**
- Well versed with Agile methodology and project delivery life cycle.
- Proven ability to navigate conflicts, promote a culture of accountability, and drive the successful delivery of high-quality products.
- Very good team player with excellent articulation and collaboration skills.

KEY SKILLS

Build & Deployment Tools	GitHub Actions, Jenkins,AWS CodeBuild, AWS CodeDeploy, AWS CodePipeline
SCMs	Git,GitHub, AWS CodeCommit,GitLab
Security	SonarQube, Cosign, ECR, GitHub Secrets, AWS Parameter store
Infrastructure Automation	Terraform, AWS CloudFormation
Scripting	Python, Shell Scripting
Applications Containerized	Java/Spring Boot, Lambda, APIs (AWS API Gateway), Python and Angular JS
AWS Services Automated	VPC, ECS, S3, Lambda, API Gateway, IAM,DynamoDB,SQS and EC2
Containerzation Tools	Docker
Orchestration Tools	Kubernetes
Configuration Management Tools	Ansible
Monitoring Tools	CloudWatch,Promotheus,Grafana
DataBases	MYSQL, RDS, DynamoDB
Data Visualization Tool	Power BI
Operating System	Linux (ubuntu)

PROFESSIONAL EXPERIENCE

Associate Software Engineer

AuroPro Soft Systems   **Jul '22 – Jun'24**

Project#1

Serverless User Hub Application

Overview:
- As part this project provided end-to-end design and implementation of a serverless application using AWS Lambda, API Gateway, and DynamoDB for user management.Employed the Serverless Framework and Serverless Application Model (SAM) for defining and deploying AWS resources efficiently.Used Api endpoint for user creation, retrieval, and data processing.The project follows best practices for serverless architecture, emphasizing scalability, security, and cost-effectiveness.

Technologies: AWS Cloud Services like AWS Lambda Function, API Gateway, DynamoDB and CodePipeline

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Responsibilities and Experience Gained:
- Designed the architecture, including API structure, Lambda functions, and data storage in DynamoDB.
- Developed Lambda functions in Python, implementing user creation, retrieval, and data processing logic.
- Wrote SAM templates to define AWS resources, including the DynamoDB table and Lambda functions.
- Deployed resources using the Serverless Framework, integrating automation into a CI/CD pipeline.
- Configured API Gateway to trigger Lambda functions and implemented RESTful APIsfor communication.
- Configured and optimized DynamoDB tables for efficient data storage and retrieval.
- Implemented user authentication, role-based access control, and secure API endpoints.
- Designed and implemented event-triggered processing for data changes and scheduled tasks.
- Integrated the application into a continuous integration/continuous deployment (CI/CD)pipeline.
- Implemented routes for data retrieval, addition, and deletion.

Project#2
SpringSwiftOps Application
Overview:
- Implemented a robust CI/CD pipeline for a Spring Boot application using GitHub Actions, Maven, SonarQube, Docker, Amazon ECR, and Amazon ECS. The pipeline ensures efficient code delivery, quality validation, containerization, and seamless deployment to AWS infrastructure.

Technologies: Git, GitHub Actions, Terraform, AWS Services like ECR, ECS.

Responsibilities and Experience Gained:
- Utilized GitHub for version control and collaboration among the development team
  Established and optimized CI/CD pipelines for deploying APIs to API Gateway and Lambda functions using AWS CodeBuild, CodeDeploy and CodePipeline.
- Established branching strategies to facilitate parallel development and feature isolation
- Configured GitHub Actions to trigger on every code push, automating the build process using Maven .
- Integrated SonarQube into the pipeline for code quality assessment.
- Defined quality gates to enforce coding standards and identify potential issues early inthe development process.
- Orchestrated Docker image creation, tagging, and pushing to Amazon Elastic Container Registry (ECR).
- Automated the provisioning of necessary AWS infrastructure for ECS deployment.
- Deployed Dockerized applications to Amazon ECS for scalable and resilient

Container orchestration.

- Integrated monitoring and logging solutions to track system performance and troubleshoot issues proactively. Implemented alerting mechanisms for key infrastructure and application metrics
- Stored the artifacts in github or artifact repository like Jfrog

Backup Administrator

Wipro Technologies   **Jan '22 – Jul '22**

Project#1

AVAMAR

Client: Dell EMC

Overview:

- Customer-focused Technical Support Engineer with a proven track record in delivering exceptional technical assistance and problem resolution. Adept at diagnosing and troubleshooting complex technical issues, ensuring timely and effective resolution. Possesses excellent communication and interpersonal skills to interact seamlessly with clients, providing clear explanations and guidance

Skills: Linux

Responsibilities and Experience Gained:

- Provide first-level technical support to customers, addressing inquiries via email,phone, or chat in a timely and professional manner.
- Diagnose and resolve hardware, software, and network-related issues, ensuring minimal downtime and optimal system performance.
- Investigate, troubleshoot, and analyze reported problems, collaborating with cross-functional teams to identify root causes and implement solutions.
- Document and track support cases, ensuring comprehensive and accurate records for reference and knowledge-sharing.
- Escalate complex technical issues to the appropriate internal teams,ensuring swift resolution and customer satisfaction.
- Keep customers informed about the status of their support cases and provide regular updates until the issue is resolved.

EDUCATION

Bachelor of Science in Computer Science - Jun '17 - Sep '20

MVR Degree College, Andhra University
Visakhapatnam,Andhra Pradesh, India

PERSONAL DETAILS

Father's Name   : N Narasimha Swamy
Date Of Birth   : 3rd Jun 1999
Marital Status   : Single
Languages Known   : English, Hindi, Telugu

Declaration: I hereby declare that all the information provided above is true to the best of my knowledge and belief.

Signature,
Hyndavi N.