

BARANIDARAN S

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OBJECTIVE

I leverage my expertise in AWS Cloud infrastructure, CI/CD pipelines, and automation. Proficient in Python, AWS services, and containerization, I actively contribute to pioneering cloud solutions and streamline development workflows within a fast-paced technological landscape.

CERTIFICATION

- AWS Certified Developer – Associate (ID SN2JHZBLY2VQ18GG)



EXPERIENCE

Organization: Peopleclick Techno Solutions Pvt.ltd, Bangalore - INTERN

Role: Software Engineer

Duration: November 7th 2023– Till date

- Proficiently designed and executed various projects aimed at enhancing operational efficiency and scalability within the organization's AWS environment.
- Demonstrated expertise in API Gateway integration with Lambda functions, ensuring seamless data handling and access control measures for enhanced security.
- Successfully utilized AWS CDK to automate cloud infrastructure deployment, including S3 and Lambda, streamlining resource creation and configuration processes for increased efficiency.
- Authored CloudFormation templates for S3 and Lambda deployments, prioritizing scalability, manageability, and overall efficiency of cloud infrastructure.
- Implemented CI/CD pipelines in AWS, integrating CodePipeline with GitHub for automated build and deployment processes. Effectively optimized pipeline configurations to ensure reliable and continuous integration and delivery of software artifacts.
- Consistently focused on optimizing infrastructure code for performance and maintainability, contributing to the organization's overall success in cloud-based projects.

PROJECTS

Project 1: API Gateway Integration with Lambda Functions

- Developed an API Gateway to trigger Lambda functions for GET and POST requests.
- Ensured seamless integration and testing between API Gateway and Lambda.
- Implemented security measures and access control for data handling.

Project 2: CI/CD Pipeline Implementation in AWS

- Integrated AWS CodePipeline with GitHub for automated build and deployment.
- Configured Amazon S3 for efficient artifact storage and static website deployment.
- Optimized pipeline for reliable and continuous integration and delivery.

EDUCATION

- Bachelor of Arts (B.A.) in English Literature from The American College, Madurai in 2023

SKILLS AND TOOLS USED

- **AWS Resources:**
 - **Compute** : EC2 (Elastic Compute Cloud) , AWS Lambda , Elastic Loadbalancer
 - **Storage** : Amazon S3 (Simple Storage Service)
 - **Database** : Amazon DynamoDB , Amazon RDS , Amazon Timestream
 - **Developer Tools** : CodeCommit, CodeBuild , CodeDeploy , CodePipeline
 - **Security, Identity, & Compliance:** AWS Identity and Access Management (IAM)
- **API Management:** Amazon API Gateway - for creating, publishing, maintaining, and securing APIs.
- **Version Control Systems (VCS):** Git
- **Containerization Tools:** Docker, EKS
- **Infra Automation:** Cloud Formation
- **Programming & Scripting:** Python
- **Operating Systems:** Windows, Linux (Ubuntu)
- **Scripting and Automation:** Boto3 - for AWS service management through Python scripting.