



Giridharan Nagarajan

Contact

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Education

RMD Engineering College-

B.E (Electronics and
Instrumentation)

CGPA: 7.1

Velammal Matriculation Hr. Sec. School –
12th

Marks Obtained: 84.5%

Profile Summary

Name : GIRIDHARAN N
Gender : Male
Nationality : Indian
Date of Birth : 8th February 1996
Languages
Known : Tamil, English, German

AWS Developer – Cloud Engineering

aws  certified

A passionate Cloud Developer with interest and knowledge in Cloud Computing and Architecture, willing to be associated with a progressive organization which can provide me with a dynamic work sphere to extract my inherent skills as a professional.

Experience

Deloitte USI, Bangalore (October 2020 to Present)

Designation: AWS Developer (Cloud Engineering)

- Working on AWS Cloud native projects involving cloud migration and infrastructure in cloud
- Responsible for developing infrastructure as code using CDK and automation of CI/CD process.

Amazon, Chennai (September 2018 to October 2020)

Designation: ML Data Associate

- Worked closely with internal customers like Machine Learning Science modeling teams providing the critical data they need to improve Alexa's Automatic Speech Recognition and Natural language understanding models and domain features.

Roles and Responsibilities

Client - State Auto Insurance Companies:

- Engaged as a full stack developer for the development of a portal insurance quote generation application (frontend - ReactJS, Backend - AWS serverless framework)
- Working extensively on infrastructure-as-code and in automating CI/CD process using AWS CDK.
- Developed multiple Lambdas (Python) along with rest APIs.
- Responsible for building AWS CDK pipeline with AWS codepipeline, codebuild, and codedeploy
- Automated software development process using pipelines with github triggers (webhooks).
- Developed an autocomplete search solution for the app by using the AWS Opensearch with different lambdas for streaming data to Endpoint and fetching data as the user types.
- Developed a validation check for Github pull requests by integrating Github with AWS CodeBuild to simulate a build process for the PR along with tests.

- Worked on S3, EC2, Appsync Schemas and graphql queries (API), Cognito, Lambda, CloudWatch, X-ray, IAM.
- Act as QA for testing purpose by developing unit tests for the serverless framework using pytest module.
- Strong Expertise in writing Contract tests for APIs and unit test - Behavior driven Development(BDD)

Technical Expertise

- Python programming
- JSON, YAML, XML
- Cloud computing – AWS
- Infrastructure as code using AWS CDK, CloudFormation.
- CI/CD using AWS CodePipeline, CodeBuild and Codedeploy.
- Linux and virtualizing scripting using AWS CLI, SDK.
- Good Knowledge about the Atlassian stack - JIRA, Bitbucket.
- Bash and Powershell.
- Code Management System – Github Enterprise

Tools and Technology

Visual Studio Code, Pycharm, Linux, Github, AWS, Pluma, CDK, CLI

Certification

- AWS Certified Solutions Architect (Associate Level)
- AWS Certified Developer (Associate Level)
- Microsoft Azure Fundamentals Certified (AZ-900)
- Aviatrix Certified Engineer – Multi cloud network Associate : provided by Aviatrix.
- Srum foundation professional certificate.