




# S.GIRIDHARAN

- ALL IS WELL

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To grab an opportunity where I can experience the innovative and practical implementation of current technology and work for the mutual benefit of the organization and career growth.

## TECHNOLOGY: LANGUGAGES TECHNOLOGY

Java, Python, C, C++, HTML, CSS, JavaScript

Core Java, J2EE, Spring Boot, Microservices, REST & SOAP APIs, Hibernate, JDBC, AWS Services, Docker, DSA, Mockito

## DATABASES

PostgreSQL, MySQL, Redshift

## TOOLS

Eclipse, IntelliJ, PyCharm, Google COLAB, Oracle, pgAdmin4, Putty, Postman, SoapUI, Tomcat Server, SonarQube, Jenkins, Visual Studio, Dbeaver, Jupyter

## EDUCATION:

### SSLC: 2013 - 2014

Vivekanandha Higher Secondary School

**Percentage:** 90.4%

### HSC: 2014 - 2016

Vivekanandha Higher Secondary School

**Percentage:** 76.58%

### UG: 2016 - 2020

Manakula Vinayagar Institute of Technology

**B.Tech** - Information Technology

**CGPA:** 8.50

## ACHIEVEMENT:

- Certified with the **AWS Developer Associate** Level (Nov 2022 - Nov 2025).
- Certified with the **AWS Solution Architect Associate** Level (Aug 2023 - Aug 2026).
- Got **Appreciation certificate** from the **Client** for Best performance in the **AMI Dashboard Project**,
- Got **Appreciation certificate** from the **TCS** for Best performance in the CES Dashboard Project,



## ROLE & RESPONSIBILITIES:

- Playing a key role in the project at Analysis, Designing, Developing, Deploying, and support for the implemented code.
- Experience in Spring Boot Microservices, RESTful APIs, SOAP Service, Lambda, S3, SQS, SNS, and deployment of applications using CI/CD and troubleshooting or debugging using AWS Cloud Watch.
- Writing clean, efficient, and maintainable code that adheres to industry standards and best practices.
- Collaborating with front-end developers, product managers, and other stakeholders to define and implement new features, functionalities, and enhancements.
- Conducting code reviews, debugging and troubleshooting issues, and resolving technical problems.
- Participating in agile development methodologies such as Scrum or Kanban, and contributing to daily stand-ups, sprint planning, and retrospectives.
- Communicating effectively with stakeholders, including team members, project managers, clients and end-users to ensure the successful delivery of projects.



## WORK EXPERIENCES

**COMPANY:** TCS - System Engineer

**OCT 2020 - PRESENT**

**CLIENT :** NextEra Energy

**METHODOLOGY:** Agile

**SMDC DASHBOARD ENHANCEMENT - AWS Backend Developer**      **Feb 2023 to Present**

**SKILLS :** Java 8, REST APIs, Hibernate, AWS Lambda, PostgreSQL, Junit, Jenkins, Unit Testing

SMDC Enhancement application will improve the performance with new layers and legends and other features will be strengthened and improved then bring the data to the map. Other dashboard features also need to be improved.

### **RESPONSIBILITIES:**

- The enhancement project for the SMDC Dashboard App, need to develop new features like layer, legend, and other.
- Data will be displayed on the map and data will be coming from external data sources and DB.
- Developed AWS Lambda from Backend to perform job based on the requirement.

## **CES DASHBOARD - AWS Backend Developer & DevOps**

**July 2022 - Jan 2023**

**SKILLS :** Java 8, REST APIs, JDBC, API Gateway, ALB, Cognito, Cloud Formation, AWS Lambda, S3, Secret Manager, Jenkins, Docker, PostgreSQL, Oracle, Redshift, Junit, Unit Testing

CES Dashboard Application serve account user details with a search, and customer info feature and Research Report will give meter details about customer info, reliability, billing, customer satisfaction index, and others.

### **RESPONSIBILITIES:**

- Research Report functionality from CES Dashboard migrated to the AWS Platform.
- Complete CES Dashboard code has been established by myself and done a 7 DB connection and connected different external data sources.
- From AWS ALB, Lambda will be triggered and do authorization with the Cognito then generate the report upload in the S3 then pre-signed URL return response to the UI then a report will be downloaded.
- Performed Migrating Oracle DB to Redshift in the AWS & mapped Oracle DB to Redshift.

## **PWQAC DASHBOARD - AWS Backend Developer**

**July 2022 - Jan 2023**

**SKILLS :** Java 8, REST APIs, Hibernate, AWS Lambda, S3 Event, PostgreSQL, Unit Testing, Jenkins

PWQAC Dashboard Application has a list of schedulers, an environment managing page, and a storm excluding page for business purposes to supply all meter details to the users in the mail.

### **RESPONSIBILITIES:**

- Build the code base structure & supported team members to develop the code in the standard way.
- Worked on the S3 Triggered Lambda to process the files.

## **AMI DASHBOARD PROJECT- AWS Backend Developer**

**Nov 2020 - June 2022**

**SKILLS :** Java 8, REST & SOAP APIs, Hibernate, AWS Lambda, PostgreSQL, Jenkins, Unit Testing

MeterOps Dashboard Application provides a list of all meter details in Florida with different dashboards and company users will update the meter with an action code and description. Got the meter details daily from the schedulers.

### **RESPONSIBILITIES:**

- Migrated 100+ APIs to the AWS with Unit Testing in all Dev, QA and Prod Environment.
- Developed 10+ Lambda's for the daily and on-demand job.
- Developed modules are reviewed with the newly implemented codes with the project lead and ensures the business requirements as per user stories.
- Enhancement project for the MeterOps Dashboard App, created a new dashboard, 20+ APIs and Lambda's based on the business requirement.
- Include Backend support for QA and Prod.

**Place:**

**Date:**

**S.GIRIDHARAN**