

# SARAVANAN

## SUMMARY OF EXPERIENCE

Over four years of software development experience with major highlights:

- Extensive programming skills in Java and Node.js
- Familiar in software design and development under Windows and Linux

## TECHNICAL SKILLS

**Languages:** SpringBoot, AWS S3, AWS Lambda, RESTful Web Services

## EDUCATION

Bachelor Degree in Electrical and Electronics Engineering from Anna University

## KEY PROJECTS

### Web API Development

Jun 2020 – Sep 2021

Developing and upgrading Microservices architecture APIs and migrating the existing APIs to the cloud platform based on the client requirements. Using AWS family as an infrastructure service and Node.js to the backend programming language.

**Technology Used:** Node.js, RESTful API, AWS Lambda, APIGateway, AWS S3

### Role and Responsibilities:

- Analyzing the initial requirements and gathering inputs from the project team.
- Design the architecture diagram with AWS components and preparing

the documents for API approval.

- Developing the API Rest endpoints and their field descriptions based on the requirement with the help of Swagger API.
  - Implementing API Gateway and AWS Lambda with AWS Cloud Formation.
  - Writing business logic for the endpoint into AWS Lambda.
  - Executing unit test cases for checking business logic and for the coverage report.
  - Moving the code to the higher environments for System Integration testing.
  - Giving full-time support to the API while testing.
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## **Project Navigation**

Aug 2017 – May 2020

The project's main theme is to web scraping the client websites and collecting the data from resources such as the HTML page, JSON, and PDF. After that, it will extract the data points from those resources, form a unique structure, and store them in the database.

**Technology Used:** Java, JPA, MySQL, SpringBoot

### **Role and Responsibilities:**

- Collecting site information from data collection team.
  - Developing the navigation actions from the login page to the utility page by using HtmlUnit API.
  - Filtering and separating the valid utility information from the page and retrieving the resource to the local machine for further processing.
  - Storing the utility data to the database after constructing as a unique structure.
  - Working on fixing bugs, change requirements of the platform, and maintenance tickets for the templates.
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