



# SOURAV SASMAL

## My Contact

✉ souravsasmal1409@gmail.com

☎ +91-98832-32292

📍 Newtown, Kolkata, 700156

🌐 [souravsasmal14](#)

## Skill

AWS CLOUD, GOOGLE CLOUD, GIT, GITHUB, CI CD, JENKINS, DOCKER, KUBERNETES, TERRAFORM, MAVEN, ARGO CD, SQL, JAVA, PYTHON.

## Experience

- AICTE-EduSkills, AWS Cloud, Internship  
May 2023 – July 2023  
*Hosting a Static Website, Creating a Dynamic Website, Creating a Virtual Private Cloud.*
- Google Cloud Career Readiness Program  
April 2022 – September 2022  
*Google Cloud services like Big Query, Dataflow, and Data Studio to build a data analytics platform.*

## Education Background

- University of Engineering & Management, Kolkata  
*B.Tech Computer Science & Technology,*  
July 2020 – July 2024  
CGPA – 9.10 (Upto 6 th Semester)
- Jasora Charubala High School, East Medinipur  
*Higher Secondary Education(W.B.C.H.S.E)*  
June 2018 – June 2020 (Science)  
Class XII – 75%
- Jasora Charubala High School, East Medinipur  
*Higher Secondary Education(W.B.B.S.E)*  
June 2018  
Class X – 63.29%

## About Me

Enthusiastic and highly motivated recent graduate with a focus on cloud computing and DevOps, seeking an entry-level position to apply and further develop my skills in a dynamic and challenging work environment.

## Project

Spring Boot based Java web application using Maven, SonarQube, Argo CD and Kubernetes.

2023

Key responsibilities:

- Implemented RESTful APIs for seamless communication between different components.
- Utilized Apache Maven as the build automation tool to manage project dependencies and streamline the build process.
- Integrated SonarQube for continuous code quality.
- Argo CD for GitOps-based continuous delivery and deployment.
- Orchestrated the application using Kubernetes for containerization and efficient scaling.

Jenkins CICD Pipeline for Deploying an Application to EKS Cluster.

2023

Key responsibilities:

- Developed and maintained Jenkins CI/CD pipeline for automating the deployment of a Java web application to an Amazon EKS cluster.
- Orchestrated Docker image building using Jenkins and integrated it with the application build process.
- Integrated with AWS EKS to deploy Dockerized applications onto Kubernetes clusters.
- Collaborated with development and testing teams to implement and optimize unit tests, integration tests, and end-to-end tests.

Implemented Two Tier Architecture | AWS, GCP

2022

Key responsibilities:

- Two-Tier Architecture, separating the presentation layer (frontend) and data management layer (backend) to improve maintainability and scalability.
- strategies to enhance system scalability, accommodating increased user loads and ensuring consistent performance.
- Encryption protocols and access controls to safeguard sensitive data.

## Achievements

2023 October Cloud Computing By NPTEL Secure 69%

2022 November Google Cloud Fly Cup Top 500 Rank in Challenge.