



SOURAV SASMAL

My Contact

✉ souravsasmal1409@gmail.com

☎ +91-98832-32292

📍 Newtown, Kolkata, 700156

🌐 souravsasmal01.cloud

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 – Present

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 – Present

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 – Present

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.