

SANKET KUMAR ROUT

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SUMMARY

Entry-level Cloud Engineer having hands-on experience with Amazon Web Services(AWS) ,Amazon Certification on Completion of AWS Cloud Essential Practitioner Essentials.Proficient in Python,Java,C,C++ and also in Front End Web Development with languages including HTML,CSS and JAVASCRIPT.Proficient in javascript library GSAP for creating animated websites.

EDUCATION

Kalinga Institute of Industrial Technology

Sep 2022 - Present

B.Tech, Computer Science & Engineering

Bhubaneswar, India

Work Experience

Web Development

May 2024 - June 2024

Front End Intern

Offline

-I basically worked on the front end development part of creating an Flight Booking Website and also learned about back end part which included the .NET Technology ,C# & JQuery.

CERTIFICATIONS

- **Udemy Data Structures and Algorithms Certification:** Successfully completed a comprehensive course on Data Structures and Algorithms, gaining in-depth knowledge of fundamental concepts and problem-solving techniques essential for efficient software development.
- **AWS Practitioner Essentials Certification:** Acquired foundational knowledge of AWS cloud services, understanding key concepts like cloud architecture, security, and deployment strategies. Demonstrated ability to navigate the AWS Management Console and deploy scalable cloud solutions.
- **Internship at IFFCO:** Contributed to the development of a flight booking website during an internship at IFFCO. Worked on front-end design, back-end integration, and implemented user-friendly features to enhance the booking experience. Collaborated with a team to deliver a functional and aesthetically pleasing web application.

Projects

- **Multi-Tier Deployment on AWS Cloud:** Designed and deployed a secure, scalable multi-tier application architecture on AWS, utilizing VPC, EC2, RDS, S3, and load balancers for optimal performance. Ensured high availability and auto-scaling for the web and app tiers
- **VPC Peering on AWS Cloud:** Successfully configured VPC peering between a default VPC and a custom VPC, enabling secure communication between instances in both VPCs. This included creating and attaching internet gateways, setting up route tables, and verifying connectivity.
- **AWS Cloud Cost Optimization - Identifying Stale Resources:** Developed a Lambda function to identify and delete stale EBS snapshots that are not associated with any active EC2 instances, effectively reducing storage costs and optimizing cloud resource usage

Skills

• Java , C , C++,HTML ,CSS , JAVASCRIPT , Python , FrontEnd Development , Cloud Computing