**SARTHAK SOURAV**
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**ADDRESS FOR CORRESPONDENCE**

120/A, Telisahi, Nayabazar
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**CAREER OBJECTIVE**

DevOps Engineer with 2+ years of hands-on experience supporting, automating, and optimizing mission critical deployments in AWS, leveraging configuration management, CI/CD, and DevOps processes. Configuration management using Ansible. Basic Knowledge of Java.

**SKILL SET**

- Operating Systems              **: Linux**

- Proficient Cloud Provider      **: Amazon Web Services [EC2, S3, VPC, EBS, EFS]**

- Version Control Tools          **: Git, Github.com, Gitlab CICD**

- Application Server             **: Tomcat, Apache server**

- Build Tools                   **: Maven**

- Continuous Integration Tool   **: Jenkins**

- Configuration Management Tool **: Ansible, Chef**

- Containerization Tool          **: Docker**

- Ticketing Tool                **: Jira**

- Container management tool       **: Kubernetes**

- Intrabuilding automation tool  **: Terraform**

**PROJECT**

**Project:** GK UAP DEVOPS
**Client:** ERIE INSURANCE
**Role:** AWS DEVOPS TECHNICAL
**Duration:** JULY 2021to till date
**SCM Tools:** GITLAB, GITHUB
**CI/CD Tools:** JENKINS, GITLAB CI-CD
**SCRIPTING LANGUAGE:** GROOVY SCRIPT, SHELL SCRIPTING
**CLOUD: AWS** (EC2, EBS, ECS, EKS, S3, LAMBDA, VPC, Route 53, IAM, Elastic Container Registry, Certificate Manager, CloudWatch, RDS, Elastic Cache)
**Description: -**

This is a Mobile Insurance project where we develop and maintain their services and websites.
**Role and Responsibilities:**
- Worked with scripting language like Shell Scripting, Groovy script.
- Working on source control tools like GitLab, GitHub.
- Develop and report on key CI/CD metrics enabling data-driven decision making.
- Advanced level knowledge on Continuous Integration & Continuous Delivery practices, process.
- Worked on Container based tools like Docker, Created Docker files and build images and push to the
- Docker private registry. Set up the local development environments through Docker containers for new developers.
- Experience in DevOps Engineering in automating, building, and deploying of code within different
- environments (Dev, QA, and PROD).
- Deployments using Jenkins
- Created users, repositories, branching, tagging, patch fixes, pull request, and trained users on the Git version control system.
- Monitored the automated build and continuous integration process to ensure correct build execution and facilitate resolution of build/ release failures.
- Performed build and release of all software cycles engineering, test, production, update, patches and maintenance.
- Experience in designing, building, maintaining, and coordinating an automated build/ release from
- development to production environment that also satisfies the internal audit and compliance.
- Performed build and release of all software cycles engineering, test, production, update, patches and maintenance.
- Implementing AWS various services and configure as per required
- Analise AWS Services reducing data and memory and also reducing billing.
- Also managed pods when there is any sort of issues.


**Deploying java web application in Kubernetes**

    **Tools used:** GitHub, Maven, Jenkins, Docker, Kubernetes.

    Creating continuous integration pipeline for building the source code and putting the image file in Docker hub. Further creating pods in Kubernetes engine through that image. Using Kubernetes deployment to handle the replications.

    **Tools used:** Gitlab CICD, Amazon ECR, Kubernetes.

Creating continuous integration pipeline for building the source code and putting the image file in Amazon ECR. Further creating pods in Kubernetes engine through that image. Using Kubernetes deployment to handle the replications.

**Hosting of password protected static website.**

**Tools used:** Lambda, S3, cloud front.

Placing a static website in s3 and creating a distribution of it through cloud front and further writing NodeJS script to enable UserId and Password to access the website.

## PROFESSIONAL EXPERIENCE

Working for **SARS SOFTWARE** as **Devops Engineer** from DECEMBER 2020 to till date.
- Worked on infrastructure setup for multiple clients.
- Worked on security management on security hub (finding errors and resolve that to make infra secure 100%)
- Uploaded client's data on s3 bucket using CLI and GUI.
- Design architecture diagram.
- Vpn server setup for securing my web server access.
- Build a password protected website using AWS S3, Cloud Front and Lambda.
- Mounting buckets on Locals.
- Switch role concepts
- System manager role.
- Setup cloud watch dashboard for monitoring.

## EDUCATIONAL QUALIFICATION

| Name of the Examination | Name of the Board/University | Name of the Institution | Year of Passing | % Of Marks Secured |
|---|---|---|---|---|
| B. TECH (COMPUTER SCIENCE AND ENGINEERING) | Biju Patnaik University of Technology (BPUT) | Synergy Institute of Technology, Bhubaneswar, Odisha | 2020 | 70.10 |
| INTERMEDIATE (+2 SCIENCE) | CHSE, Odisha | Sri Aurobindo Institute of Higher Studies and Research, Matrubhaban, Cuttack, Odisha | 2016 | 69.50 |

| 10<sup>th</sup>Standard | ICSE, New Delhi | St.Antony's School, Cuttack, Odisha | 2014 | 80.83 |
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## PERSONAL DETAILS

- Father's Name: Sri Bauribandhu Sahoo

- Mother's Name: Basanti Sahoo

- Date of Birth: 10th June 1998

- Nationality: Indian

- Language: English, Hindi, Odia

- Marital Status: Single

- Personality Traits: Self-belief, Cheerful outlook

- Leisure time: Listen to Music, Playing Cricket

## DECLARATION:

I do here by declare that all particulars mentioned above are true to the best of my knowledge and belief.

Date:

Place:                                                                                     Sarthak Sourav