**Murshidha Sherin M**

**Systems Engineer**

**murshidhasherin2022@gmail.com | 9952271867**

**Professional Summary:**

Cloud-focused Java Developer with 3+ years of experience in building and maintaining scalable web applications. Proven expertise in AWS (EC2, S3, RDS, ECS, Lambda, APIGateway) and containerization (Docker, Kubernetes). Experienced in CI/CD pipelines (Jenkins, Azure DevOps) for efficient deployments. Seeking challenging roles in a fast-paced environment.

**Technical Skills:**

* **Cloud Services:** AWS (ECS, S3, DynamoDB, Lambda, CloudFormation, APIGateway, IAM, Event Bridge, CDK, Pipe, ...)
* **DevOps Tools:** Jenkins, Docker, Kubernetes, Azure DevOps
* **Version Control:** Git, GitHub, Gitea
* **IDEs:** VS Code, IntelliJ, Eclipse

# • Programming Languages: Java, Python

* **Frameworks:** Spring Boot, JPA
* **Messaging Middleware:** Solace PubSub+
* **Database Management:** MySQL, PostgreSQL, DynamoDB

# Work Experience: Infosys Ltd. ( July 2021 – Present )

# Projects:

# KONE Aug 2023 - Present

* Developed and deployed AWS services using AWS Cloud Development Kit (CDK) in Python, ensuring efficient and scalable infrastructure.
* Migrated from Azure DevOps to GitHub, streamlining CI/CD pipelines and version control processes.
* Supported development teams by resolving issues and optimizing development workflows.
* Configured monitoring tools such as CloudWatch Logs, Metrics, and Alarms for tracking resource utilization across various cloud deployments.
* Maintained high availability of applications by setting up auto-scaling groups across multiple regions.
* Managed the development and implementation of infrastructure automation solutions using AWS technologies such as EC2, S3, ECS, EKS, APIGateway and Lambda.
* Collaborated effectively with development teams to integrate cloud services into software applications.

**IMAP (Infosys Microservice Accelerate Platform) Dec 2022 – July 2023**

• Developed and modified Java code to improve application performance.

* Streamlined deployment processes by deploying and managing services in Kubernetes, ensuring efficient container orchestration.

• Contributed to the Infosys Microservices Accelerate Platform (IMAP) by integrating Istio to enhance servicemesh

* Improved CI/CD efficiency by utilizing Jenkins for continuous integration and continuous deployment.
* Automated pipeline execution with shell scripting for increased efficiency and reduced manual intervention.

# HPMAP Nov 2021 – Nov 2022

* Improved application performance and added new features by enhancing the Java code.
* Assisted in comprehensive AWS cloud operations, handling various cloud-related tasks.
* Provided excellent customer service by promptly resolving user support tickets through the ServiceNow platform.
* Implemented message handling and communication solutions using Solace, including topic creation, publishing, and subscribing.
* Enhanced user experience by working on front-end related tasks, including integrating RESTful APIs with Angular

services for dynamic data display.

**Education:**

# B.Sc. Mathematics with Computer Applications June 2018 – May 2021

Nehru Arts and Science College