Atin Mondal

DevOps Engineer

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TECH STACK

AWS Services: EC2 · S3 · Bedrock · ECS · ECR · EKS   **Scripting Language:** Python

Serverless: Lambda · API Gateway · DynamoDB · Redshift   **CI/CD Pipelines:** Jenkins

Containerization Tools: Docker · Kubernetes   **Infrastructure as Code:** Terraform

Operating Systems: Linux · Ubuntu   **Version Control:** GitHub · Bitbucket

EXPERIENCE

1. **GlobalLogic** | Sr. Software Engineer | ◉ Bangalore   📅 AUG. 2024 – PRESENT
   - Worked on **SOE project** as part of the Ops team, resolving production issues and reducing manual intervention by developing automation jobs and implementing change solutions based on customer requirements.
   - Working on a new POC project- **AIOps** to automate step-by-step issue resolution commenting in the respective Jira ticket, triggered via **Jira Webhook**, by leveraging **Prompt Engineering** on a custom-built **LLM model** with backend powered by **AWS Bedrock**, **AWS Lambda-boto3**, and **API Gateway**.
   - Built a **SlackBot** from scratch to automate Confluence runbook link referencing by replying to user queries or issues in Slack channels, integrating **LLM models**, **boto3**, and **AWS services** to enhance team productivity and reduce manual effort.
   - Worked on EKS upgrades across multiple environments and developed a POC for CMDB automation using **Cartography** and **Python** as a solo contributor.

2. **Wipro Technologies** | DevOps Engineer | ◉ Bangalore | 2Y 10M   📅 OCT. 2021 – AUG. 2024
   - Designed and managed containerized deployments using **Docker** , **Kubernetes** and **Terraform** enhancing scalability and reducing deployment time by **45%** to **65%**.
   - Built and maintained CI/CD pipelines with Jenkins; resolved infrastructure issues across **EC2 · EKS · ECS · IAM · VPC · LB** to ensure high availability and performance.

PROJECTS

1. **Automated Deployment of Node.js Application on EKS** ◯ | Ⓜ   📅 SEP. 2023
   - Led the implementation of a comprehensive, automated deployment process for a **Node.js** application on an **EKS cluster**.
   - Designed **Jenkins** pipeline stages and orchestrated **Terraform-based EKS cluster** provisioning, Docker containerization, and deployment scripts within the **Kubernetes** cluster.
   - **Tech Stack**: **AWS EKS · AWS ECR · Jenkins · Terraform · Kubernetes · Docker**

2. **AWS ECS Automation for Node.js Application Deployment** ◯   📅 APRIL 2022
   - Established Docker environment, including **Dockerfile**, image, and container setup for local service deployment.
   - Utilized GitHub Actions workflow to automate image building, **ECR** image repository update, and **ECS task definition** modification. Streamlined deployment for the latest code on ECS.
   - **Tech Stack**: **ECS · ECR · GitHub Action · Docker**

EDUCATION

College Of Engineering & Management, Kolaghat   📅 JULY 2017 - JULY 2021

B.Tech. Computer Science and Engineering   *CGPA: 8.82*

CERTIFICATION

1. **AWS Certified Developer - Associate** ⬡aws   📅 MAY 2023
   - **Tech Stack**: AWS Lambda · Amazon ECS · Amazon EKS · API Gateway · IAM · VPC · S3 · DynamoDB

2. **AWS Certified Cloud Practitioner** ⬡aws   📅 JULY 2022