PRITHISH GHOSH

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EDUCATION

SRM INSTITUTE OF SCIENCE & TECHNOLOGY   Chennai, IN
Bachelor of Technology   06/2017-05/2021
Major in Software Engineering
Percentage: 76

PROFESSIONAL EXPERIENCE

IOPEX TECHNOLOGY   Chennai, IN
Product Development – DevOps   09/2021 – Present
- Dockerize multiple application with images.
- Responsible for pipeline building & major code deployment using CI / CD
- Automate task & set up alert for high availability systems.

Integration Engineer – Workato
- Worked on recipe refactoring method using Workato.
- Responsible for building optimized recipes with various integration test cases.

ACTIVITIES

GDG CLOUD CHENNAI   Chennai, IN
Cloud facilitator + volunteer   02/2020 – Present
- Facilitation of Cloud workshops based on skill development and action planning.
- Delivery of Cloud speeches to share and engage people on cloud development systems andassist people in developing, building cloud technology.
- Organized and advertised quarterly networking events with 200+ participants in cities across Chennai.

PROJECTS

DEPLOYING DJANGO TODO APPLICATION INTO AWS USING DOCKER & BUILD JENKINS CI/CD PIPELINE (LINK)
- Deployed a Django TODO app into AWS server & dockerized its image pushed into pipeline using Jenkins.

ANSIBLE USER & FILE MANAGEMENT AUTOMATION (LINK)
- An ansible master node module automates, creates users & files into various servers using ansible playbooks YAML script.

DETECTING SAMPLE APP'S VULNERABILITY USING CLOUD (LINK)
- Constructed use-cases & process of sample app's flaw using distributed environment.

AWS CLOUD BASED CALCULATOR APP CONTINUOUS INTEGRATION PIPELINE (LINK)
- calculator app is continuously integrated, deployed, and delivered using AWS CodeCommit, CodeDeploy, CodePipeline, and S3 to ensure reliable and efficient Integration & deployment to the application.

DEPLOYED SERVERLESS APPLICATION USING AWS CLOUDFORMATION FOR PROVISIONING & DECOMMISSIONING OF INFRASTRUCTURE AS CODE (LINK)
- Implemented a serverless backend Node.js To-do application & it's endpoint on AWS CLI using AWS CloudFormation for efficient provisioning and decommissioning of resources.

ROLLED OUT NODEJS-TODO APPLICATION CI/CD AUTOMATION USING DOCKER ON AWS EC2
- Rolled out a Node.js To-do application on AWS EC2 using Docker container & configured a Jenkins-based CI/CD pipeline to automate the deployment process.

ADDITIONAL INFORMATION

- **Technical Skills**: EC2, AWS, Docker (Compose, volumes, swarm), ansible, Jenkins, Kubernetes, shellscripting, Linux
- **Miscellaneous Technologies:** Software Engineering (OOAD), Cloud Computing, Serverless Framework