

# Prithish Ghosh

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## EDUCATION

### SRM UNIVERSITY

B.TECH IN SOFTWARE ENGINEERING

May 2021 | Chennai, IN

## LINKS

Github:// [imprithwishghosh](#)

LinkedIn:// [PrithishGhosh](#)

HashNode:// [Prithishghosh](#)

Medium:// [PrithishGhosh](#)

## SKILLS

### TECHNICAL SKILLS

• Git • Github • Github-actions • linux • shell scripting • AWS(EC2 , EMR ,EKS) • Docker (Compose, volumes, swarm) • ansible • Jenkins • Kubernetes • Iaas-Terraform

### MISCELLANEOUS-TECH

• Software Engineering (OOAD) • Cloud Computing • Serverless Framework

## ACTIVITIES

### GDG CLOUD CHENNAI

CLOUD FACILITATOR + VOLUNTEER

• Facilitate cloud workshops to assist people in developing and building cloud technology.

• Deliver cloud speeches to share and engage people on cloud development systems.

• Organize quarterly networking events with 200+ participants in cities across Chennai.

• assist community members in troubleshooting cloud-related issues

• worked for code snippets, deployment guides, and architectural patterns to assist with cloud development and deployment.

• learning and collaborating towards cloud technology and maintaining DevOps culture .

## EXPERIENCE

### IOPEX TECHNOLOGIES | SYSTEM ENGINEER

Sept 2021 - Present | Chennai, IN

- Providing 24/7 rotational on-call support, ensuring high availability and resolving system performance issues.
- alert handling and perform remediation steps as per runbook.
- Monitoring system logs and performance metrics, driving continuous improvement.
- Handling cloud native(EC2,EMR,EKS) issues along with various Jenkins CI /CD pipelines.
- Escalate incidents to onsite engineers when the alert is out of scope / not fixed.

### PRODUCT DEVELOPMENT -DEVOPS

- Build and automate CI/CD pipelines to improve application deployment speed by 50 percentage.
- Collaborated with engineering teams to enhance system architecture for scalability and reliability.

## PROJECTS

### DEPLOYED DOCKERIZED DJANGO TODO APPLICATION INTO AWS SERVER PUSHED INTO JENKINS CI/CD PIPELINE

• Deployed a Django TODO app into AWS server dockerized version of image pushed into pipeline using Jenkin.

### AUTOMATED USER AND FILE MANAGEMENT ON VARIOUS SERVERS USING ANSIBLE PLAYBOOKS YAML SCRIPT

•An ansible master node module automates, creates users files into various servers using ansible playbooks YAML script.

### UTILIZED GITHUB-ACTIONS TO DEPLOY YOUR PORTFOLIO WEBSITE TO AN AWS S3-BUCKET IN THE CLOUD

• Deployed portfolio website into aws s3 bucket using github-actions.

### CONTINUOUSLY INTEGRATED, DEPLOYED, AND DELIVERED A CALCULATOR APP USING AWS CODECOMMIT, CODEDEPLOY, CODEPIPELINE, AND S3 ARTIFACT

•The calculator app is continuously integrated, deployed, and delivered using AWS CodeCommit,CodeDeploy,CodePipeline and S3 to ensure reliable and efficient CI/CD process.

### DEPLOYED SERVERLESS APPLICATION USING AWS CLOUDFORMATION FOR PROVISIONING DECOMMISSIONING OF INFRASTRUCTURE AS CODE

•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.

### UTILIZED A NODE.JS TO-DO APPLICATION ON AWS EC2 USING DOCKER CONTAINER CONFIGURED A JENKINS-BASED CI/CD PIPELINE TO AUTOMATE THE DEPLOYMENT

•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.