

Pronomita Dey

Personal Info

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LinkedIn

<https://www.linkedin.com/in/pronomita-dey/>

Website

<https://medium.com/@pronomitadey>

Skills

Python

Shell Scripting

Azure Cloud

AWS

Linux

Git

Terraform

Docker

Kubernetes

SQL

AWS Cloudformation

Splunk

Zabbix

Prometheus

Azure DevOps

Jenkins

Work History

Jul 2021 - present

Cloud Associate 2

PwC, Bangalore

- Automating infra creation for microservices on Azure Cloud using Terraform
- Implemented e2e CI/CD pipelines containerized microservices using Azure DevOps
- Deployed and managing services on AKS from provisioning and scaling to logging and monitoring.

Apr 2021 - Jun 2021

Systems Software Engineer II

HP Inc, Bangalore

- Extensively contributed into the design and development of NFR pipelines being used PAN HP
- Played a leading role in enabling e2e monitoring using Prometheus, Grafana, VictorOps & Splunk. This monitoring setup plays a key role in adhering to SLI/SLOs.
- Mentored incoming Freshers with understanding DevOps and Agile processes

Aug 2018 - Mar 2021

System Software Engineer I

HP Inc, Bangalore

- Developed and deployed an e2e Release Automation Tool in Python for HP's Web Print Platform (An IoT platform composed of ~100 microservices) that has reduced total time to deploy microservices by 80% with zero downtime and least manual intervention.
- Dockerized & Migrated ~20 microservices (earlier running on AWS EC2 instances) to a Kubernetes Cluster (AWS EKS)
- Deployed CI/CD pipeline for deploying microservices onto a Kubernetes Cluster.
- Designed and implemented one click Infra provisioning pipeline for microservices using Terraform with Disaster Recovery and High Availability. These pipelines are currently being used to enable new and existing infra for HP's Web Print Platform.

Feb 2018 - Jul 2018

R&D Intern

HP Inc, Bangalore

- Worked on Feature Engineering & Exploratory Data Analysis with a dataset of ~1TB.
- Data cleaning-structuring, & dimensionality reduction for building predictive analysis model that determines root cause behind printer failures and easiest ways to diagnose the same.

Education

Jun 2014 - Apr 2018

Computer Science & Engineering, B.Tech

KIIT University, Bhubaneswar

Certificates

Nov 2021

Microsoft Certified Azure Fundamentals

Dec 2021

AWS Certified Cloud Practitioner

Mar 2022

AWS Certified Solutions Architect - Associate