

PRITI BHUNIA

DevOps Engineer



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https://pritibhunias.github.io/

ABOUT ME

I am a Software Developer working towards developing a digital imaging platform product leveraging the concept of Edge computing. I am particularly interested in Automation and Kubernetes, and working towards gaining expertise in the same. I have exposure to Hybrid cloud and Azure Cloud Platform, and I know GCP and AWS to some extent.

EDUCATION

Technische Hochschule Köln

MEng in Automation & IT

Sep 2023 - Present

West Bengal University of Technology

B. Tech in Electronics and Communication Engineering

Aug 2012 - Jun 2016 | GPA 8.77/10

TECHNICAL SKILLS

Programming and Scripting

C#, Python, Java, SQL, PowerShell, Bash, KQL

Frontend

HTML, CSS, JavaScript

Tools & Frameworks

Azure, ASP.NET, Ansible, Kanban

DevOps

Git, Docker, Kubernetes, RKE2, Azure DevOps

Azure Cloud Services

- **Compute:** Virtual Machines, VM Scale Sets
- **Networking:** Virtual Networks, Load Balancer, Traffic Manager, Application Gateway, Key Vault
- **Containers:** AKS, Container Registries, Azure ARC
- **Identity:** Active Directory
- **Monitoring:** Application Insights, Log Analytics
- **Web:** API Management, Web App, Logic App
- **Storage & Databases:** Blob Storage, Table Storage, SQL, Data Factory, Minio

LANGUAGES

English - Level C2

Hindi - Level C1

Deutsch - Level A2

CERTIFICATION & VOLUNTEER WORK

- Microsoft Certified DevOps Engineer Expert, 2020
- Microsoft Certified Azure Administrator Associate, 2020
- AZ-303 Microsoft Azure Architect Technologies, 2021

WORK EXPERIENCE

Senior Engineer - Design & Development

Siemens Healthineers, Bengaluru

May 2021 to Sep 2023 | Healthcare, Research & Development

- Developing a digital imaging healthcare platform product, end-to-end pipeline creation for infrastructure and application deployment, with 80% accuracy.
- Responsible for developing several features including but not limited to Edge platform management, GitOps integration, proxy setup, monitoring services integration, rke2 integration and automation, Secret Management.
- Responsible for writing automation test cases using XUnit, BDD, TDD framework, Integration testing, and Goss testing.
- Collaborating with product owners to understand the business requirements.

Tech Stack: C#, .NET 6, Kubernetes, rke2, Azure, DevOps, Ansible, PowerShell, GitOps, Git, Edge computing, Minio storage

Senior DevOps Engineer

EY Global Delivery Services, Bengaluru

Sep 2019 to Apr 2021 | Finance, Consulting

- Provisioned cloud infrastructures in Azure utilizing Infrastructure as Code concept.
- Created fully automated CI/CD pipelines on Azure DevOps for containerized applications with 95% efficiency.
- Automated compliance report generation process using Azure DevOps, PowerShell script, and ARM template.
- Configured performance dashboards and alerts for monitoring the applications.
- Automated the new client onboarding process to reduce the time and workforce requirements by 70%.
- Trained and mentored college interns and led the DevOps team for the tax vertical.

Tech Stack: Azure, Azure DevOps, PowerShell, YAML, ARM template, Kubernetes, KQL, SQL, Java

Cloud Engineer

Cognizant, Kolkata

Jul 2016 to Sep 2019 | Information Technology

- Automated both Cloud and On-Premises API on-boarding flow, API Management migration process, designed the developer portal for external consumers and worked on Application Insights to set up custom alerts and dashboards.
- Provisioned highly scalable cloud infrastructures in Azure.
- Automated the MFA solution for RDS along with full infrastructure deployment in Azure Cloud.
- Trained & led a team of 9 Cloud Engineers and Specialists.

Tech Stack: Azure Cloud, PowerShell, ARM template, KQL, SQL, XML, C#, Ansible