

KISHAN KUMAR

Cloud & DevOps Engineer | Azure Architect |
Kubernetes | AI Ops | Security & Automation



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India, Kolkata

Professional summary

Azure Architect and DevOps Engineer with **8+ years of experience** designing, developing, and implementing **cloud-native** and **DevOps solutions** on **Microsoft Azure**. Proven ability to optimize cloud adoption strategies, enhance **CI/CD pipelines**, automate infrastructure deployment, and enforce cloud security compliance. Passionate about **cost optimization, performance tuning, scalable architectures, and leveraging Generative AI for intelligent automation and decision-making**.

Technical Skills

Cloud & DevOps

- Microsoft Azure (Azure Cloud, AKS, ACI, App services, Application Gateway, Storage, Monitor, Cosmos DB, Firewall, Network, Azure DevOps)
- Cloud Adoption Framework (CAF), Cloud Security & IAM
- Infrastructure as Code (Terraform, ARM/Bicep, YAML, Helm)
- CI/CD (Azure DevOps, GitHub Actions, Bitbucket Pipelines)
- Kubernetes, Docker, KEDA, Helm

Automation & Scripting

- PowerShell, Bash, Azure CLI, Python

Development & Databases

- React, ASP.NET, Node.js, REST APIs, Python
- SQL Server, SSMS, SSIS, ETL, Power BI

Experience

Senior Solution Consultant

October 2024 - Now

Tietoevry, Norway, Stavanger

Links

- kishan-kumar-8a5b93b8
- 1199692
- @kishankmr-kumar

Hobbies

- Music
- Playing Guitar
- Reading

Awards

- Best Team Member Award - DNB Bank ASA
- Emerging Leader Award - Tata Consultancy Services Pvt Ltd
- Hackathon Runner-up - DNB Bank ASA
- On the Spot Award - Tata Consultancy Services Pvt Ltd

Languages

- Norsk
- English

- Designed and implemented **cloud architectures** based on Microsoft's **Cloud Adoption Framework (CAF)**.
- Led **migration** from legacy cloud services to **Azure Kubernetes Service (AKS)**, reducing costs by **30%**.
- Developed **CI/CD pipelines** for automated infrastructure deployment using **Azure DevOps, Helm, and YAML**.
- Managed **Azure IAM policies**, securing cloud environments and ensuring compliance.
- Automated deployment processes with **GitHub Actions and Terraform**.

Azure Architect and Administrator

January 2023 - September 2024

Navtor As, Norway, Egersund

- Led multiple projects providing **cloud solutions**, including designing and implementing **Azure-based infrastructures** for enterprise applications.
- Managed **Azure cloud infrastructures**, ensuring security, compliance, and high availability.
- Developed automation scripts for **cloud resource provisioning** and **infrastructure monitoring** using PowerShell, Bicep, and Terraform.
- Collaborated with cross-functional teams to migrate on-premise applications to **Azure-based solutions**, improving scalability and reducing operational costs.
- Designed **backup and disaster recovery strategies** to ensure data resilience and business continuity.
- Created infrastructure-as-code (IaC) templates with **Bicep and ARM** for repeatable deployments.
- Implemented **cost-optimization** strategies, reducing cloud expenses by **40%**.

Senior Analyst

May 2021 - December 2022

Accenture, Norway, Oslo

System Engineer/Devops Engineer

June 2016 - May 2021

Tata Consultancy Services Limited, Norway, Oslo

Relevant Projects

Navtor As - Weather App Migration using Kubernetes(AKS)

Role: Azure Tech Architect

- Migrated **legacy cloud services** to **AKS with Docker and KEDA**, reducing **costs by 50%** and improving **app response time by 70%**.
- Developed an **automated CI/CD pipeline** using Azure DevOps.
- **Tech Stack:** AKS, Docker, ACR, KEDA, Helm, Bicep, YAML,ACI, PowerShell

Private Kubernetes Infrastructure Architecture and Deployment Pipeline

Role: Azure Tech Architect

- Designed and deployed a **secure private AKS cluster** using **Spoke-Hub Architecture**.
- Integrated **Azure Firewall** and **VNET Peering** for security.
- **Tech Stack:** AKS, Azure Firewall, Azure VNET, Azure DevOps, Helm, Bice

DNB - DevOps Model

Role: DevOps Engineer / Kubernetes Administrator

- Led the **implementation of a DevOps model**, introducing **automation** and **CI/CD best practices**.
- Integrated **Micro Focus Enterprise Analyzer/Developer, Bitbucket, GitHub, and Azure DevOps** for seamless development and deployment.
- Designed and deployed **containerized applications using Docker & Kubernetes**.
- Automated manual tasks and reporting, improving efficiency and reducing human errors.
- **Tech Stack:** CI/CD, GitHub, Kubernetes, Docker, Azure DevOps, YAML, JSON, PowerShell, Helm, GCP

Education

2012 - 2016

Bachelor of Technology (B.TECH) of Biju Patnaik University of Technology, India, Bhubaneshwar

CERTIFICATIONS & COURSES

- [Career Essentials in Generative AI by Microsoft and LinkedIn](#)
- [AZ-400 : Designing and Implementing Microsoft DevOps Solutions - A Cloud Guru](#)
- [2021 – AI - 900 : Microsoft Certified Azure AI Fundamentals](#)
- [2020 – Kubernetes Administrator](#)
- [2020 – AZ-104: Microsoft Certified Azure Administrator Associate](#)
- [2020 – Introduction to Python for Data Science - Microsoft](#)
- [2017 – Big data Foundation](#)
- 2016 – ITIL 2011 Foundation
- 2016 – Foundation Certificate in Banking

References

Rajesh Ranjan - Manager at Cognizant

Contact: Rajesh.Ranjan@Cognizant.com