ANKIT SINGH

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A highly skilled and results-driven Senior Cloud Engineer, seeking roles in Cloud & DevOps Engineering to contribute to the design, implementation and scaling of innovative cloud solutions. Aim to drive operational efficiency, enhance system reliability and optimize resource utilization, while collaborating with cross-functional teams to deliver scalable, secure and cost-effective cloud-based solutions that align with business objectives and technological advancements.

🎓 EDUCATION

2018: Bachelor's in Information Technology | Mumbai University

📑 CORE COMPETENCIES

- Cloud Engineering
- DevOps Engineering
- Infrastructure Management
- Kubernetes Orchestration
- CI/CD Pipeline Automation
- Linux & Windows Server Administration
- Virtualization with VMware vSphere
- Cloud Cost Optimization
- Version Control
- Scripting for Automation
- Stakeholder Engagement
- Team Leadership & Collaboration
- Monitoring and Logging

🏆 CERTIFICATIONS

- Completed training for associate analytics. (training) (2018)
- VMware vSphere 6.7 Foundations Exam (certification) (2019)
- Microsoft Azure Administrator (certification) (2022)
- BigPanda Unified Analytics (2022)
- JIRA Fundamentals Badge (Atlassian University) (2022)

👤 Profile Summary

- Senior Cloud Engineer with nearly 6 years of experience in designing & deploying, **cloud-native infrastructure** on **Google Cloud Platform (GCP)**, specializing in **Kubernetes orchestration**, **Compute Engine** & **cloud performance optimization**.

- Driving the transformation of enterprise cloud environments, ensuring **scalable containerized applications** and improving **operational efficiency**, while also maintaining a focus on **cost management** and **resource optimization**.

- Successfully built and scaled **CI/CD pipelines** using **Docker**, **Kubernetes**, and **Terraform**, fostering a culture of continuous integration and delivery that improved deployment frequency and minimized downtime.

- Recognized as an outstanding performer for multiple years, contributing to project success through proactive solutions and innovative cloud strategies, while also being instrumental in maintaining **high availability** and **reliability** across cloud systems.

- Key contributor in **cross-functional collaboration,** delivering cloud solutions that align with business needs, enhancing the performance, security and scalability of cloud operations, while improving client satisfaction and reducing operational costs.

- Actively contributed to the development and adoption of **cloud governance frameworks**, **best practices** and **industry standards** to enhance security, compliance of cloud environments, ensuring **business continuity**.

📊 CAREER TIMELINE

2019-22 — TATA CONSULTANCY SERVICES

2022-PRESENT — LTIMindtree
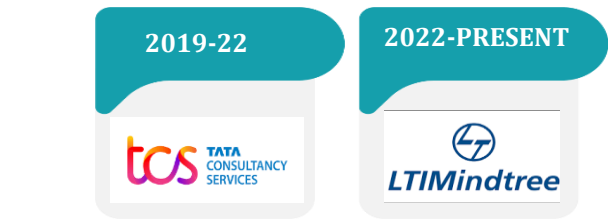
💼 WORK EXPERIENCE

LTIMindtree | Sept'22 – Present
Senior Cloud Engineer | *Project: Dexcom*

Tata Consultancy Services | Apr'19 – Sept'22
Cloud Engineer | Project: *Corporate Data Centre (TCS)*
Key Result Areas:

- Configuring GCP infrastructure using Google Kubernetes Engine (GKE) and Compute Engine to ensure seamless deployment and management.
- Deploying and managing virtualized environments with VMware vSphere.
- Troubleshooting Linux servers, ensuring optimal server security and performance.
- Upgrading GKE clusters to maintain high availability and reliability, adhering to industry best practices and minimizing disruptions.
- Installing, configuring, upgrading & patching Microsoft Windows servers.

SOFT SKILLS

Decision- Making

Communication

Problem-solving

Team Collaboration
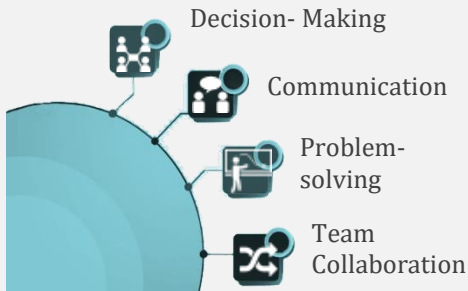
- Optimizing CI/CD pipelines using GitHub Actions, Docker, and Kubernetes to streamline development workflows.
- Provisioning and managing infrastructure using Terraform for efficient and scalable infrastructure management.
- Monitoring, optimizing and controlling cloud infrastructure performance and cost to improve efficiency.
- Automating system maintenance and tasks with Bash and PowerShell scripting to enhance productivity.
- Collaborating effectively with cross-functional teams to deliver tailored solutions that meet client needs.

🏆 SIGNIFICANT HIGHLIGHTS

- Initiated and led a project focused on enhancing cloud resource utilization, resulting in a cost optimization of around **15-20%** while ensuring high performance and availability standards were upheld.
- Successfully led a cloud migration initiative that resulted in a **20-25%** increase in application performance and a significant reduction in operational costs, showcasing a strong ability to deliver impactful results in cloud engineering projects.
- Successfully upgraded GKE clusters with minimal downtime, resulting in a **10-15%** increase in system reliability and performance.

TECHNICAL SKILLS

Cloud Platform	: Google Cloud Services- GKE, Compute Engine, Cloud Logging & Monitoring, Kubernetes Engine, Cloud Storage, Pub-sub.
Operating Systems	: Windows, Linux Administration
DevOps Tools	: Terraform, Docker, Kubernetes, GHA, argoCD
Virtualization Tool	: VMware
Version control Tool	: Git/GitHub
Scripting	: Shell, Batch
Monitoring Tool	: Datadog, Splunk
Ticketing Tool	: Jira
Other Skills	: Cassandra, Spark, Kafka, EasyBI, Confluence, Postman, Bigpanda, Pagerduty, MS Teams, Slack, MS-Excel, MS-Word, PowerPoint, Outlook, Jenkins, Azure and AWS cloud, prompt engineering

PERSONAL DETAILS

Address	: Kandivali East, Mumbai, India
Date of Birth	: 3rd June 1998
Languages Known	: English, Hindi