

# GOURAV SARKAR

SOFTWARE ENGINEER

## CONTACT

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Manchester

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## SKILLS

- Azure Cloud
- Terraform
- ARM Templates
- Azure DevOps
- Jenkins
- Spinnaker
- Docker
- Kubernetes
- Python
- Helm
- Git, GitHub
- IBM CDC Tool
- Qlik Attunity
- Kafka
- Microsoft SQL Server
- Windows, Linux



## PROFILE

Software Engineer specializing in automation and cloud technologies. Experienced in developing CI/CD pipelines, implementing infrastructure as code, and architecting cloud-native solutions. Proficient in Azure, Terraform, Ansible, Jenkins, Kubernetes, Python and SQL Server. Skilled in database management, performance optimization, and disaster recovery planning. Dedicated to delivering reliable, scalable, and secure software solutions.



## WORK EXPERIENCE

### Tata Consultancy Services

APR 2021 - PRESENT

#### Associate Consultant

- Executed seamless migration of on-premises RDBMS data to GCP BigQuery by implementing Kafka streaming pipelines. Utilized IBM CDC for real-time data capture, Kafka for message streaming, and GCS Bucket as an intermediary storage solution to ensure efficient and reliable data transfer.
- Developed a self-service solution to automate IBM CDC BAU tasks using Python scripts and Jenkins pipelines.
- Managed Terraform templates for Azure resources (e.g. Azure Kubernetes Service, Azure Container Registry) and automated deployments via Azure DevOps pipelines. Configured Azure Monitor and Grafana for performance tracking.
- Designed CI/CD pipelines with Jenkins, GitHub, and Docker for deploying Java microservices on Kubernetes and implementing Azure Policy via open policy Agent.
- Executed on-prem to Azure migrations with VM, storage, and network setups.

### Swiss Re

JAN 2021 - APR 2021

#### Senior Cloud Operation Engineer

- Provisioned and managed AKS, orchestrated Docker containers using Kubernetes, and utilized Azure Kubernetes Services for scaling and deployment.
- Developed Infrastructure and DevOps documentation to assist clients with processes and best practices.

### Accenture Solutions Pvt. Ltd.

SEP 2017 - JAN 2021

#### App/Cloud Support Specialist

- Managed Azure services with Terraform, Azure Resource Manager, and PowerShell. Optimized CI/CD via Azure DevOps for projects like CHANEL, FIFA, Disney, and Anglo American.
- Transitioned on-premises SQL databases to Azure SQL/Managed Instances. Conducted backups, performance tuning, and monitoring while implementing security measures, documenting setups, and optimizing cloud costs.

## CERTIFICATION

- HashiCorp Certified:Terraform Associate
- Microsoft Certified: Azure Security Engineer Associate
- Microsoft Certified: Azure Solutions Architect Expert
- Microsoft Certified: DevOps Engineer Expert
- Microsoft Certified: Azure Administrator Associate
- Microsoft Certified: Azure Fundamentals
- AWS Certified SysOps Administrator Associate
- DASA DevOps Fundamentals
- ITIL Foundation Certificate in ITSM
- Microsoft Certified Professional:Administering Microsoft SQL Server 2012/2014 Databases
- GCP: Associate Cloud Engineer

## EDUCATION

Bachelor of Technology in Computer Science and Engineering | 2008 | WBUT University



## WORK EXPERIENCE

**Cognizant Technology Solutions Pvt. Ltd.** JUL 2016 - SEP 2017  
Infra Technology Specialist

- Administered SQL Server 2014/2016, migrated from SQL Server 2008 R2, and implemented high availability solutions like Mirroring, Log Shipping, and Replication.
- Optimized database performance using SQL Profiler and Index Tuning. Automated tasks with PowerShell scripts and scheduled maintenance using SSIS/DTS packages.
- Provided 24x7 production support, ensured security, managed backups, and documented DBA processes, including Runbooks and monitoring alerts.

**Accenture Services Pvt. Ltd.** SEP 2011 - JUL 2016  
Infrastructure Senior Analyst

- Collaborated with clients and third parties to understand environments and processes, creating Runbooks, backup policies, and process documents.
- Installed, configured, and migrated SQL Servers; provided 24x7 DBA support for development and production environments; implemented disaster recovery and performance optimization strategies.
- Led a support team, prepared reports on backups, billing, and capacity planning, and mentored team members to ensure seamless operations.

**HCL Comnet Systems & Services Ltd.** SEP 2009 - SEP 2011  
Senior Analyst

- Resolved replication feed failures, deadlocks, connectivity issues, and provided on-call support. Performed daily health checks, maintenance tasks, and backups.
- Implemented clustering, log shipping, capacity planning, security hardening, and auditing strategies while designing standard maintenance plans for SQL Server environments.

**Sutherland Global Services** NOV 2008 - SEP 2009  
Technical Support Associate

- Provided technical assistance for McAfee antivirus software, including installation, troubleshooting, virus removal, and computer tuning.
- Escalated complex technical issues to higher-level support for resolution.