

SOURAV KUILA

DevOps Engineer

☎ +91 8002233878 🌐 souravkuila.in ✉ kuila.sourav2001@gmail.com in [LinkedIn](#) 🐙 [GitHub](#)

TECHNICAL SKILLS

- **Languages:** JavaScript, Typescript, SQL
- **Web Development Frameworks:** Angular, Node JS, Express JS
- **Databases:** PostgreSQL, MongoDB
- **DevOps and Automation:** Terraform, Jenkins, GitHub Actions, Docker, Kubernetes
- **Monitoring:** Prometheus, Grafana
- **Cloud Services:** Azure
- **Tools:** Git, Postman

EXPERIENCE

Capgemini

July 2022 - Present

Senior DevOps Engineer

- Developed and managed **Terraform** to automate provisioning and management of Azure cloud resources, improving deployment consistency and reducing manual effort.
- Developed and optimized **CI/CD pipelines** in Azure DevOps using **YAML** integrating Git repositories to automate code integration, testing, and deployment processes, resulting in streamlined and efficient software delivery.
- Provisioned and managed core **Azure infrastructure, Virtual Machines, App Services, Load Balancers, VNets, Storage Accounts, and Azure Key Vaults** ensuring high availability, scalability, and security for production environments.
- Deployed and managed **Docker** containers to streamline application delivery testing and ensure environment consistency.
- **Monitored** and analyzed system performance metrics using **Prometheus** for data collection and **Grafana** for visualization.
- Configured and secured **Azure VMs** with **NSGs, Point-to-Site VPN** and **VNet peering** between Linux servers.
- Provisioned **AKS Kubernetes** clusters using **Terraform** and deployed pods with **kubectl CLI** from **Docker images**.
- **Collaborated** with cross-functional teams to improve platform stability and application delivery.
- Delivered DevOps support for cloud-hosted apps on **Microsoft Azure**.

CERTIFICATIONS

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|---|-----------------|
| • AWS Certified Developer - Associate. link | <i>Sep 2024</i> |
| • AWS Certified Cloud Practitioner. link | <i>Oct 2022</i> |
| • Google Cloud Digital Leader. link | <i>Nov 2022</i> |
| • Microsoft Certified: Azure Administrator Associate. link | <i>May 2025</i> |
| • Microsoft Certified: Azure Fundamentals. link | <i>Sep 2023</i> |
| • Generative AI Fundamentals. link | <i>Jun 2023</i> |
| • Agile Software Development. link | <i>Oct 2022</i> |

EDUCATION

Bachelor of Technology- Biotechnology

SRM Institute of Science and Technology

CGPA: 8.59/10

Chennai, Tamil Nadu

June 2018 – May 2022

Higher Secondary Education- Science

Vikash Residential School

percentage : 80.6%

Bhubaneswar, Odisha

June 2015 – March 2017