

RISHABH RAJ

[in LinkedIn](#) | [\(+91\)-7098409592](#) | [✉ rishabhhsanu@gmail.com](mailto:rishabhhsanu@gmail.com)

Professional Summary

A DevOps Engineer with over 3 years of hands-on experience, extensively working with AWS cloud, Python scripting and automation. Strong command of Ansible and Terraform enables effective configuration management, while expertise in Docker and Kubernetes supports seamless containerization and orchestration. A solid background in microservices architecture contributes to designing scalable solutions, with proficiency in GitHub and GitHub Workflows for CI/CD. Passionate about driving efficiency and reliability through DevOps best practices, ensuring the delivery of high-quality solutions aligned with business objectives. Committed to continuous learning and leveraging technology to solve complex challenges.

Skills

- DevOps | Kubernetes | Helm | Docker | Linux | CI/CD | GitHub
- AWS | Cloud | Python | Ansible | Terraform | Shell Scripting
- Keycloak | Kong Gateway | Nginx | Elasticsearch | Jira | Debezium | Kafka

Experience

DevOps Engineer **Infosys** **Kolkata, India** **04/2022 - Present**

- **CI/CD pipeline:** Designed and built CI/CD pipelines for 80+ microservices using **GitHub Workflows** and **GitHub Actions Runner**, cutting down deployment times by 30% and increasing release frequency.
- **Containerization and Orchestration:** Engineered a robust containerization strategy using **Docker** and **Kubernetes**, enhancing application scalability across diverse environments and contributing to a 20% improvement in resource utilization. Streamlined deployment processes for 70+ microservices by revamping automation pipelines, saving approximately 25 hours per sprint in feature delivery.
- **Scripting and automation:** Developed **Ansible** and **Python** scripts to automate operational tasks, including server monitoring and **AWS** cloud resource management using **boto3**, minimized manual effort and errors by 50%, leading in a 75% improvement in operational efficiency.
- **AWS:** Managed **AWS** infrastructure with services such as **EC2, S3, RDS, EKS, SNS, MSK, VPC, IAM, OpenSearch** and **CloudWatch** enabling seamless hosting, storage, and security for cloud applications.
- **GitHub migration:** Migrated 100+ code repositories from **GitLab** to **GitHub** using GitHub Workflows and GitHub Actions Runner, establishing new CI/CD pipelines and configured **SonarQube** for enhanced code security.
- **SSO:** Spearheaded the integration of **Keycloak** for seamless **Single Sign-On (SSO)** across applications, enhancing security protocols and streamlining user authentication processes. Resulted in a unified login flow, lowered authentication-related support requests by 30%.
- **Debezium:** Led the integration of **Debezium** with **Kafka** for real-time data streaming and change data capture (CDC), decreasing data processing latency by 40%. Enhanced data consistency and synchronization across multiple databases.

Education

Bachelor of Technology **Haldia Institute of Technology (MAKAUT)** *Haldia, WB, India* **08/2016 - 07/2020**

- Major in Mechanical Engineering

Projects

- **E-Learning platform Cloud DevOps & Infra:** Contributed to the DevOps and infrastructure of a large-scale e-learning platform. Responsibilities included designing and implementing CI/CD pipelines, managing a scalable AWS multi-tenant architecture supporting 2.5 lakhs plus simultaneous users, containerizing applications with Kubernetes, integrating Single Sign-On (SSO) and optimizing API management, security and real-time data streaming to refine performance and usability.

Mentorship

- Mentored 5+ college graduates during their internships, providing guidance on various DevOps and cloud processes and helping them successfully transition into full-time roles.

Achievements and Certifications

- **Awarded for Excellence:** Awarded '**Best Developer**' in 2024 for contributions to key integrations and the development of automation tools that reduced manual effort, improved efficiency, and optimized costs.
- **GCP Cloud Digital Leader certified**
- **Infosys certified:** [Python Associate](#), [Associate in IaC using Python for AWS](#), [Associate in Ansible Automation](#)