

Rajesh Kumar Das

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DevOps enthusiast with nearly two years of professional experience at Wipro, focusing on automation, containerization, and cloud technologies. Experienced in working with Docker, AWS, and creating automation solutions using Python. Currently deepening expertise in Kubernetes, Azure, and cloudnative tools through hands-on projects in a personal homelab. Passionate about exploring new technologies and building efficient, scalable solutions.

Experience

KubeKraft

DevOps Assistant

Nov 2024 - Present

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Wipro Ltd.

Project Engineer

May 2022 – Feb 2024

- Containerized the execution of the automation suite using Jenkins pipelines, enabling seamless testing in temporary environments, reducing the cost and overhead of a dedicated Windows server.
- Developed CI/CD pipelines to enable cross-team collaboration for automated testing; allowed teams to trigger test executions by pushing input files to GitHub, with results automatically sent to team members via email.
- Automated integration testing processes by interacting with AWS services (S3, Lambda, EC2, Aurora) using Boto3, eliminating manual triggers and ensuring testing was performed in a specific, repeatable order.
- Improved an existing automation framework by adding support for heterogeneous SQL queries, enabling the ability to integrate with multiple databases simultaneously for integrated data testing.
- Led the training of eight team members in Python, improving team skills and enabling better collaboration on automation tasks.

Projects

Kubernetes Deployment Automation

HYP3R00T/homelab

- Automated deployments using ArgoCD.
- Implemented Helm charts for microservices.

CI/CD Pipeline Optimization

HYP3R00T/.dotfiles

- Developed GitHub Actions pipelines.
- Integrated security scanning and automated testing.

Skills

Kubernetes, Containerization (Docker), Ansible, Cloud (Azure and AWS), Linux, GitOps (FluxCD), VCS (Git), CI/CD (GitHub Actions), GitHub, Python, FastAPI, HTML, CSS, JavaScript, TypeScript, Astro

Education