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 cloud-native tools through hands-on projects in a personal homelab. Passionate about exploring new technologies and building efficient, scalable solutions.

EDUCATION

National Institute of Technology, Surat   2017 - 2022
Integrated Master of Science - Physics

EXPERIENCE

Wipro Ltd.   2022 - 2024
Project Engineer

- **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 interact 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.

CERTIFICATIONS

Azure Fundamentals (AZ-900) ↗
Microsoft

IT Automation with Python Professional Certificate ↗
Google

DevOps Essentials ↗
IBM

Linux Commands & Shell Scripting Essentials V2 ↗
IBM

Building Gen AI-Powered Applications with Python ↗
IBM

OPEN SOURCE PROJECTS

Homelab ↗   ⑂

Developed an automated homelab management system on a single-node **Kubernetes** setup using **GitOps** with **FluxCD**, enabling efficient, version-controlled deployment and configuration of infrastructure.

Dotfiles ↗   ⑂

Created an **Ansible** powered `.dotfiles` repository to automate system setup and configuration, integrating **Bash scripts** to streamline installation and trigger playbooks, with modular roles and customizable variables for consistent and efficient multi-machine environments.

CelestialDocs ↗   ⑂

Engineered a robust and scalable documentation platform using **Astro**, **TypeScript**, **Tailwind CSS**, and **Shadcn UI**, enhancing user experience through responsive design and advanced technical documentation workflows. Leveraged **DevOps** expertise by integrating **GitHub Actions** for automated **CI/CD pipelines**, ensuring seamless deployment to **GitHub Pages** and enabling efficient, reliable documentation hosting.

SKILLS

DevOps & Cloud

Azure, AWS, Git, GitHub, Docker, Kubernetes, Jenkins, GitHub Actions, FluxCD, Ansible, Linux

Languages

Python, Bash, SQL, HTML5, CSS3, JavaScript, TypeScript, YAML