**Rashmi Rai**

**Azure DevOps Engineer**  
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**Professional Summary**

Azure DevOps Engineer with 3.5 years of experience in cloud infrastructure management, CI/CD automation, and containerization. Expertise in building, deploying, and scaling applications on Azure using tools like Azure DevOps, Kubernetes, Docker, and Python. Skilled in managing cloud services including Azure Storage, Key Vault, Databricks, and integrating observability solutions such as New Relic. Proven ability to enhance development workflows, ensure application security, and provide efficient cloud solutions.

**Technical Skills**

* **Cloud Platforms:** Microsoft Azure (Azure DevOps, Azure Storage Accounts, Key Vault, App Registration, Databricks, Unity Catalog)
* **CI/CD Tools:** Azure DevOps
* **Version Control:** Git, GitHub
* **Containerization & Orchestration:** Docker, Kubernetes
* **Infrastructure as Code (IaC):** ARM Templates
* **Programming/Scripting:** Python, PowerShell
* **Data Engineering/Integration:** Databricks, Astronomer
* **Security:** Azure Key Vault, App Registration
* **API Testing & Integration:** Postman
* **Monitoring & Observability:** New Relic
* **Agile & Project Management Tools:** Jira, Scrum

**Professional Experience**

**Azure DevOps Engineer**  
*Ltimindtree pvt ltd, Bangalore*

* Assisted in building and maintaining **CI/CD pipelines** in **Azure DevOps**, utilizing **Git** for version control.
* Automated container deployment using **Docker** and **Kubernetes**. Collaborated with the development team to optimize and troubleshoot **Kubernetes** deployments and cloud configurations.
* Supported **Postman** API testing for service integration, ensuring the reliability and correctness of services before production release.
* Integrated **Azure Storage Accounts** for data storage needs, optimizing performance and cost-efficiency for cloud storage.
* Implemented **Azure Key Vault** to securely store and manage application secrets for multiple development environments.
* Worked with **Azure App Registration** to set up and manage app permissions for Azure services, streamlining security protocols.
* Collaborated with data teams to set up **Databricks** environments, enabling large-scale data processing and analytics.
* Implemented **Astronomer** to automate data pipelines, ensuring consistent data flow between applications and databases.
* Integrated **New Relic** to monitor application performance and provide actionable insights for improvement.

**Education**

**Bachelor of Science in Computer Science**  
*Microtek collage Varanasi [June 2015]*

**Certifications**

* **Azure DevOps training**

**Projects**

*Seven-Eleven DATA LAKE PROJECTS*

**CI/CD Pipeline for Data Analytics Application**: Built and deployed a CI/CD pipeline using **Azure DevOps** for a cloud-based data analytics application hosted on **Azure Kubernetes Service (AKS)**. Automated testing and deployment processes for seamless integration into production.

**Technologies used:** Azure DevOps, Docker, Kubernetes, Databricks

**Secure and Scalable Cloud Infrastructure***:* Implemented **Databricks** for data processing and **New Relic** for performance monitoring. and managed app secrets with **Azure Key Vault**.

**Technologies used:** Azure, Key Vault, Databricks, New Relic

**Additional Information (Optional)**

* **Languages:** English (Fluent), Hindi (Fluent)
* **Volunteer Work:** (Leadership for SSL certificates, SP and SAS URI renewal TASK)