

Ashish Pal

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About

Cloud and DevOps engineer with hands-on experience in Azure, Terraform, CI/CD pipelines, and infrastructure automation. Skilled in building scalable cloud environments and deployment workflows.

Education

Birla Institute of Technology, Mesra, Jaipur Campus 2023 – 2025

- MCA (Masters in Computer Applications) CGPA: 9.0/10.0

Manipal University Jaipur 2020-2023

- BCA (Bachelors in Computer Applications) CGPA: 9.43/10.0

Experience

Junior Consultant, Xebia – Jaipur, Rajasthan Dec 2nd 2025 – Present

- Provisioned Azure infrastructure using Terraform and Infrastructure as Code
- Developed reusable Terraform modules and deployment automation
- Implemented CI/CD pipelines for infrastructure provisioning
- Applied governance including tagging, naming standards, and monitoring

Data Science Apprentice, Xebia – Jaipur, Rajasthan Dec 2nd 2024 – 2025

- Built Generative AI PoCs across HR, Finance, and SQL automation domains
- Developed agent-based systems using Python, Streamlit, Azure OpenAI, and Agno
- Delivered end-to-end solutions including prompt engineering, workflows, UI, and deployment

Projects

Azure Data Factory with Self-Hosted Integration Runtime [Github Link](#)

- Deployed **Azure Data Factory with Self-Hosted Integration Runtime (SHIR)** using Terraform.
- Configured secure data movement between **on-premise and Azure services**.
- Automated infrastructure provisioning using **Infrastructure as Code**.
- Implemented networking and compute setup required for SHIR deployment.
- **Tools Used:** Terraform, Azure Data Factory, Azure VM, Azure Networking

Atlantis Setup with GitLab Integration [Documentation Link](#)

- Deployed and configured **Atlantis** for Terraform pull request automation.
- Integrated Atlantis with **GitLab** for automated plan and apply on PR events.
- Enabled team collaboration using **approval-based infrastructure changes**.
- Improved workflow efficiency and reduced manual Terraform execution.
- **Tools Used:** Atlantis, GitLab, Terraform, Docker

Technologies

Languages: Python, SQL, Bash, YAML

Cloud: Microsoft Azure (Azure Data Factory, SHIR, Blob Storage, Virtual Machines, Networking)

Infrastructure as Code: Terraform

DevOps CI/CD: GitLab CI/CD, GitHub Actions, Atlantis

Tools: Git, Docker, Linux, Kubernetes