

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 Deployment using Terraform and SHIR** [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, Linux

Technologies

Languages: Python, SQL, Bash, YAML
Cloud: Microsoft Azure (Azure Data Factory, SHIR, Blob Storage, Virtual Machines, Networking)
Infrastructure as Code: Terraform
CI/CD: GitLab CI/CD, GitHub Actions, Atlantis
Tools: Git, Docker, Linux, Kubernetes

Certifications

Azure Administrator (AZ-104)
Planned

HashiCorp Terraform Associate
Planned

Azure Fundamentals (AZ-900)
Planned