

Swarup Das

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Experience

Azure DevOps Engineer, Cognizant – Bengaluru, KA

Aug 2023 – Present

- **Migrated enterprise infrastructures** to Azure for Zee (from AWS), M42 Healthcare (from Huawei Cloud), Kantar (from AWS), and Optum (UHG) optimizing cost and performance in partnership with Microsoft.
- Created and maintained scalable CI/CD pipelines for code deployment using Github Actions and Azure DevOps, reducing the deployment time by **70% and increasing the frequency of infrastructure update**.
- **Provisioned and managed 15+ Azure Infrastructure** (Dev/Prod) using Terraform, ensuring consistency, scalability, and simplified drift with robust state files.
- Automated critical infrastructure validation, compliance checks using PowerShell scripting integrated with Azure Policy, **eliminating 90% manual verification tasks**.
- Streamlined monitoring and logging using Azure Monitor for clients, resulting in **40% reduction in alert response time and improved system reliability**.
- **Collaborated extensively** with development, security, networking and operational teams to define requirements, troubleshooting issues and cost optimization efforts.
- Received a perfect 5/5 annual performance rating in 2024.

Software Engineer, Tata Elxsi – Bengaluru, KA

July 2022 – July 2023

- **Automated workflows** with Python and UiPath, cutting manual work by 40% and saving 20 hours weekly.
- Customized UiPath bots to fit client workflows, achieving a **50% reduction in processing time and 60% increase in efficiency**.
- Designed and deployed **4 intelligent bots** and multiple POCs with UiPath's suite (Studio, Orchestrator, AI Center, Document Understanding), enhancing automation capabilities and operational efficiency.
- Leveraged Azure for secure, scalable automation, improving compliance and reliability.

Projects

Wellness AI | Tools Used: Azure, GitHub Copilot

- Developed and optimized healthcare features like prescription translation, centralized medical data storage and proactive health check reminders.

Car Reservation With Azure | Tools Used: Azure, C#, HTML, CSS

- Developed and deployed a car reservation website using Azure cloud services to seamlessly manage the end-to-end process of car rental.

Technical Skills

• Azure (Advance) • AWS • GitHub Actions • Azure DevOps • Terraform • Ansible • Kubernetes • Docker • Python • PowerShell • Bash • Linux • Windows OS • Azure Monitor • Git • Github Enterprise Cloud

DevOps: Agile, Collaboration and Communication, Root Cause Analysis, Cloud Cost Optimization

Azure: VMs, AKS, App Service, Container App, Batch Account, Function App, Vnet, Storage Account, Entra ID, MySQL, Service Bus, Front door, Azure load balancer, API management, Azure backup

Education

Biju Patnaik University of Technology, Master of Computer Applications

Oct 2020 – June 2022

- GPA: 8.8/10

Achievements

- Received **Emerging Talent Award** in Cognizant for my contribution to the cloud migration project.
- Received **Ownership and Extra Mile Award** in Tata Elxsi for orchestrating and delivering impactful tech hour session on hyper-automation
- **5x Azure Certified** (includes AZ-104, AZ-400, AI-102, AZ-900, AI-900) | **1x AWS Certified** (Associate Solution Architect) | **1x GCP** (Associate Cloud Engineer) | 3x Certified Github (**Foundations, Actions & Copilot**)
- Ranked in the **top 5% in the All-India Cloud Computing Exam** by NPTEL, Earned a Silver Badge.