ANGANA BOSE

Cloud Infrastructure Engineer

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AB

SUMMARY

An experienced and skilled IT professional with 3+ years of experience in ITSM processes, Linux, Cloud, and Windows operations. Skilled in SQL, Cloud technologies, and scripting (Python, PowerShell and Bash) having worked in multi-platform Linux and Windows environments, I am enthusiastic and passionate about scripting and eager to learn and contribute towards cloud-related roles.

EXPERIENCE

Cloud Infrastructure Engineer

Capgemini   📅 10/2022 - Present   📍 Kolkata

Company Description
- Platforms/ Technologies: Azure, AWS, Linux, Shell Scripting, Windows, DevOps, Agile methodology.
- Provided L3 administration for Active Directory Infrastructure. Worked on Azure Active directory as well.
- Proficient in ITSM & ITIL processes.
- Led the migration of Windows 2003 Multiple domain Active Directory Infrastructure to Windows 2008 and on Cloud.
- Specialized in Group Policy, Active Directory Replication, Trusts, Folder redirection, and Permissions
- Worked with project teams and engineers to understand technical requirements and business needs to meet 100% SLAs.
- Developed and deployed cloud-native applications on AWS using EC2, S3, Lambda, API Gateway, CloudFormation and other services.
- Configured and maintained a secure VPC network architecture with public and private subnets.
- Migrated existing applications from on-premises datacenters to public clouds such as AWS or Azure.
- Designed disaster recovery plans for applications hosted on the cloud using snapshots, AMIs and backups.
- Communicated with system users to ensure accounts were set up properly and to diagnose and solve operational problems.
- Built highly available systems by leveraging features like Auto Scaling Groups, Elastic Load Balancers.Monitored performance metrics of various AWS components such as EC2 instances, ELB, RDS databases.

Analyst/Software Engineer

Capgemini   📅 08/2020 - 10/2022   📍 Kolkata

Company Description
- Technologies/Platforms used: Python, Shell scripting, PowerShell, Ansible, Azure, AWS, Nagios, Linux, Windows, IBM BigFix, Tanium, PMP, Splunk, Docker, WSUS, ServiceNow, and more.
- Managed 100+ Linux and Windows servers, handling provisioning, configuration, and deployment.
- Played a key role in establishing cloud-based distributed computing infrastructure.
- Worked on Nagios server for infrastructure monitoring.
- Well aware of software development life cycle (SDLC) phases.
- Implemented agile development practices across multiple projects, ensuring timely delivery of high-quality solutions within budget constraints.
- Analyzed user needs and software requirements to determine feasibility of design within time and cost constraints.
- Trained users to use new or modified equipment.

EDUCATION

B.Tech (CSE)

University of Engineering & Management, Kolkata

📅 07/2016 - 03/2020

SKILLS

Linux & Shell Scripting

Windows & PowerShell   Python

Cloud Computing(Azure/AWS)

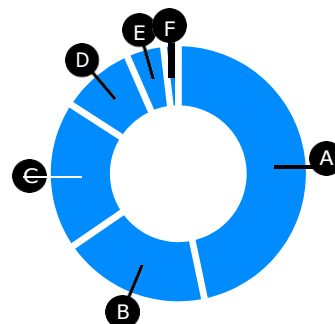Agile Methodology   DevOps Process

SQL & MySQL   Ansible   ITIL

CERTIFICATIONS

Microsoft Certified: Azure Fundamentals(AZ-900)

Microsoft Certified: Azure Data Fundamentals(DP-900)

Capgemini Automation Engineer Practitioner Certification

MY TIME

- **A** Understand user problems & providing a solution to them
- **B** Mentoring, learning & coaching team members
- **C** Upskilling
- **D** Reading
- **E** Yoga
- **F** Drawing cartoons

Shell scripting/ PowerShell

User & group management via scripts on multiple servers. Creation of virtual machines & resource groups in azure using shell/powershell. Active directory management.

Cloud(Azure/AWS)

Azure

Multiple hands-on projects including the creation of virtual machines, resource groups, managed disks, storage accounts, configuring resources with ARM templates, creating Azure app service plans, configuring user and group accounts, implementing Azure policy, Azure RBAC, Azure AD, and Azure VM scale sets.

AWS

Creation of Amazon EC2, S3, VPC, IAM, CloudFront and working with Ansible on AWS EC2.

Ansible

Writing several ad-hoc commands to perform tasks alongwith writing playbooks to install NGINX and Apache on two different OS AWS instances at the same time thereby increasing the efficiency up to 80%.

Python

Sharpened problem-solving skills by working on projects like Tip Calculator, Treasure Island, Rock-Paper-Scissors, Password Generator, Hangman, Caesar Cipher, Secret Auction.