# Agarwal A

Cloud Engineer, 4+ years experience
Agra, India
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Versatile IT professional with experience as a Windows Administrator and Cloud Engineer. Proven expertise in designing, implementing, and maintaining Windows-based systems, coupled with hands-on experience in cloud technologies. Looking forward to a challenging role where I can leverage my diverse skill set to optimize system performance and drive cloud-based soolutions

**INDUSTRIES:** Education, Food and Beverages

## TECHNICAL SKILLS

| | |
|---|---|
| • DevOps | 4 years |
| • Windows | 4 years |
| • CI & CD | 4 years |
| • Azure | 4 years |
| • Terraform | 4 years |

## PROJECT DETAILS

• LMS (Library Management System)

Project Description: Automatic collection of books and database of books matching the record of each student
Responsibilities: Making the front end and backend of the website so that students can easily access books
Technologies: Java, Javascript, Ajax, Node.js
Industry: Education

• RMS (Restaurant Management System)

Project Description: The system is used to manage the inventory of the resturant, its orders, payouts, etc.
Responsibilities: Designing and maintaing the website connecting the backend wirh frontend
Technologies: Java, Javascript
Industry: Food and Beverages

## EMPLOYMENT HISTORY

• Infra Ops Engineer

Description: Administered and maintained Windows servers (2012, 2016 R2, 2016, 2019) in a mixed on-premises environment. • Managed Windows Server and Linux systems, including installation, configuration, and maintenance. • Deployed and configured virtual machines using VMware vSphere and Hyper-V. • Administered Active Directory, including user management, group policy, and domain controller maintenance. • Implemented backup and disaster recovery solutions to ensure data integrity and availability. • Provided end-user support, resolving hardware and software issues, and conducting user training sessions. • • • Administered Active Directory, including user management, group policy, and domain controller maintenance. • • Provided technical support to end-users, troubleshooting hardware and software issues. • Installed and configured operating systems, software applications, and peripherals. • Managed IT inventory and procurement, ensuring adequate supplies and equipment for the organization. • Assisted in the development and documentation of IT policies and procedures.

• Cloud Engineer December-2021 - June-2024

Accenture

Description: Orchestrated the migration of on-premises Windows servers to the cloud (AWS/Azure/GCP), optimizing scalability and reducing infrastructure costs. • Implemented Infrastructure as Code using Terraform and Ansible for cloud-based resources, ensuring consistency and efficiency. • Configured and maintained cloud services, including virtual machines, storage, and networking components. • Collaborated with cross-functional teams to design and implement CI/CD pipelines using Jenkins for cloud-based applications. • Ensured security and compliance by implementing IAM policies, encryption, and monitoring tools in the cloud environment. • Provided expertise in containerization technologies, utilizing Docker and Kubernetes for efficient deployment and scaling of applications.

## CERTIFICATION

• AZ-104 by Azure 2024

## EDUCATION

• Bachelors degree in Electrical from SLIET 2017 - 2021

## LANGUAGES

• English - advanced

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