

Nampalli Dhana shekara shiva krishna

Cloud Operations Engineer (Windows, Linux, VMware, AWS) |
Aspiring Data & AI Engineer



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Profile

IT professional working as a Cloud Operations Engineer with hands-on experience in Windows, Linux, VMware, AWS, DNS, DHCP, and OS migrations. Skilled in managing servers, virtualization, and cloud platforms. Currently upskilling in Data & AI Engineering, with practical knowledge of SQL (joins, subqueries, normalization) and Data Warehousing concepts (OLTP vs OLAP, OLAP operations, facts & dimensions, star/snowflake/galaxy schemas, metadata, and data marts). Learning and applying modern tools like BigQuery, dbt, Dataflow, Retrieval Augmented Generation (RAG), and Dialogflow to bridge cloud operations with data-driven AI solutions.

Education

Education

10th Class | 2019 Sri Vivekananda Vidyalayam, Moddugudem – **92**

Intermediate (+12) | 2021 Sri Chaitanya Junior College, Khammam -**90.2%** (MPC)

B.Sc **Design & Computing** | Birla Institute of Technology & Science (BITS) Pilani – Hyderabad Campus | 6th Semester (In Progress, WLIP Program)

Skills

Cloud & Infrastructure

— Competent
Windows Server, Linux, VMware, AWS, DNS, DHCP, Server Upgrades, OS Migrations, Cloud Operations

Programming & AI(Learning)

— Beginner
Python, Retrieval Augmented Generation (RAG), Conversational AI (Dialogflow)

Database & Data Engineering

— Amateur
MySQL, BigQuery, dbt, Dataflow, ETL & ELT Pipelines, Data Warehousing (Partitioning, Clustering, OLTP vs OLAP, OLAP Cubes & Operations, Schemas – Star, Snowflake, Galaxy)

Web & Backend Tools

— Beginner
HTML, CSS, JavaScript, Flask, MySQL

Professional Experience

HCLTech – Cloud Operations Engineer (Windows, Linux, VMware, AWS)

09/2022 – Present
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- Administered Windows and Linux servers, ensuring availability, performance, and security.
- Managed VMware virtualization and AWS cloud operations for enterprise workloads.
- Configured and maintained DNS and DHCP services.
- Performed OS upgrades, server migrations, and patch management.
- Automated server provisioning and monitoring to reduce manual effort.
- Supported cloud migration projects.

Projects

Server Inventory Dashboard (Minor Project)

- Built a web dashboard using HTML, CSS, JavaScript, Python Flask, and MySQL.
- Displayed key metrics: CPU, Memory, Uptime, Installed Apps, Last Patch Info.
- Integrated CRUD features (Add, Edit, Delete servers) with automated daily updates.

Certificates

- Vizuara AI Agents ↗