

Nampalli Dhana shekara shiva krishna

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

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🌐 Dhana Shekar Nampalli

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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, Moddlugudem – **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 [🔗](#)