

Shubham Ashok Chougule

Technical Associate - Cloud

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Profile

Cloud Professional with a robust foundation in cloud services and a proven track record in designing, deploying, and managing advanced cloud solutions. Skilled in **Azure and AWS technologies**, including **virtualization, networking, security, and serverless computing**, with hands-on experience in **multi-cloud deployments, Docker, and cloud migrations**. Known for enhancing **system efficiency, security, and scalability**, while delivering real-world solutions such as **VM and database migrations, VPN setups, and automated deployments**. Passionate about **driving innovation and continuous improvement**, leveraging strong problem-solving, leadership, and client collaboration skills to meet evolving business needs and industry standards.

Education

Welingkar Institute of Management, PGDM - IT Operations Management	Apr 2024 – present Mumbai
B.K. Birla Institute, Kalyan, M.Sc IT (Cloud Computing)	Jul 2021 – Aug 2023 Kalyan
University of Mumbai, B.Sc Computer Science	Jun 2016 – Jul 2019 Mumbai

Professional Experience

Galaxy Office Automation Pvt.Ltd, Technical Associate - Cloud

Apr 2024 – present | Thane

- Design, develop, and deploy modular **cloud-based systems** following industry best practices
- Develop and maintain **secure cloud solutions**, ensuring compliance with organizational security policies
- Ensure efficient functioning of **data storage and processing systems** with a strong focus on cloud security
- Identify, analyze, and resolve **infrastructure vulnerabilities and deployment issues**
- Regularly review existing systems and provide **optimization and improvement recommendations**
- Interact with clients to provide **cloud support** and propose solutions based on business requirements

Client Projects:

GCP to Azure Migration Project:

- Migrated **Linux virtual machines** from **Google Cloud Platform (GCP)** to **Microsoft Azure** with minimal downtime.
- Performed **MySQL and PostgreSQL database migration** using **Azure Database Migration Service (DMS)**
- Migrated **GCP Storage Buckets to Azure Storage Accounts** using **Azure Data Factory**
- Implemented **private endpoints** for secure connectivity to **MySQL and PostgreSQL databases**
- Ensured minimal downtime, data integrity, and secure network communication during migration

VPN Setup & Configuration

- Designed, set up, and configured **Point-to-Site (P2S)** and **Site-to-Site (S2S)** VPN connections for secure hybrid connectivity

- Ensured **encrypted communication** between on-premises infrastructure and Azure virtual networks
- Performed testing, monitoring, and troubleshooting to ensure **secure and reliable VPN connectivity**

Chhatrapati Shivaji Maharaj International Airport, RLCC Engineer

Nov 2023 – Apr 2024 | Mumbai

- Remote surveillance and control of several small and medium size airports from a dedicated central location

MagicBus Foundation, Azure Intern

Aug 2023 – Oct 2023 | Mumbai

- Successfully completed **hands-on training in Microsoft Azure**, gaining practical experience in cloud infrastructure and services.
- Worked extensively with **Azure Compute, Virtual Machines (VMs), App Services, Storage Accounts, Azure Functions, and Networking**.
- Deployed and managed **cloud-based solutions** including VMs and App Services, ensuring scalability and reliability.
- Configured and optimized **Azure Networking components**, including VPNs, network security, and access control.
- Developed proficiency in **serverless computing** (Azure Functions), **storage management**, and overall **cloud infrastructure administration**.
- Gained practical understanding of **cloud best practices, security, and performance optimization** in real-world scenarios.

Skills

Azure Skills

Virtualization using azure , Azure Storage, DNS , Vnet peering , Application Gateway , Load Balancer , Azure Active Directory Domain Service , Azure RBAC, Azure Resource Manager (ARM), Traffic Manager, Azure VPN, Azure Functions, Logic Apps, Azure Database Migration Service, Web Application Firewall

AWS

EC2, Cloudwatch, Load balancing, Lambda, S3 bucket, VPC, CloudFormation, SNS

Linux

User Management, File System, File System Navigation & Management, File Permission & Ownership (chmod & chown), grep Command, File Search & Indexing (find & locate)

Trendmicro CloudOne & VisionOne

Making Policies, Agent Installation, Security Playbook, etc.

Devops

Docker, Git, Github, Github Secrets

Projects

Expense Track WebApp

The **Expenses Tracker App** is deployed and managed using **modern Cloud and DevOps practices** to ensure security, scalability, and reliability. The application follows a layered architecture with **Java-based frontend services, MySQL as the backend database, and Nginx as the web server** for hosting and request handling.

The application is **containerized using Docker**, enabling consistent environments across development and deployment. **Git** is used for version control, and the project is hosted on **GitHub** to support collaboration, code management, and CI/CD readiness.

This project highlights my role in **DevOps and cloud infrastructure management**, including containerization, web server configuration, and deployment workflows using industry-standard tools and best practices.


Multi-Cloud Static Website Deployment using GitHub Actions (AWS & Azure)

This project demonstrates the implementation of a **CI/CD-based multi-cloud deployment** using **GitHub Actions**. A static portfolio website is automatically deployed to **Azure Storage Static Website** and **Amazon S3** on every push to the **main branch**.

The cloud infrastructure and services were configured using the **Azure Portal** and **AWS Management Console**, including storage accounts, static website hosting, IAM roles, and access permissions. Secure authentication was implemented using **Azure Service Principal** and **AWS IAM credentials**, which were stored and managed through **GitHub Secrets** to follow cloud security best practices.

GitHub Actions automates deployments from a single repository to both cloud platforms, ensuring consistent delivery across environments.

The deployed website is publicly accessible via **Azure** at

<https://twsgithubportfolio.z29.web.core.windows.net/>  and via **AWS S3** at

<http://tws-github-portfolio.s3-website-us-east-1.amazonaws.com/> .

This project highlights hands-on experience in **multi-cloud deployments, CI/CD automation, and cloud infrastructure configuration**.

EZlibrary using Azure services (Internship Project)

EZ Library is a cloud-hosted eBook platform built on a WordPress template and deployed on **Microsoft Azure**. It is hosted on **two Azure Virtual Machines** behind an **Azure Application Gateway with Web Application Firewall (WAF)** to ensure high availability, security, and performance. **Azure Personalizer** is integrated to deliver personalized eBook recommendations. The domain **ezlibrary.online** is managed using **Azure DNS**, with nameservers delegated from **Namecheap**. **Azure Recovery Services Vault** is used for VM backups, ensuring data protection and disaster recovery.

Online smart healthcare system (M.Sc Final year project)

The aim of the **Smart Online Healthcare System** is to develop a secure and intelligent digital platform that manages medical records and supports clinical predictions through data-driven analysis. The system also provides an online consultation facility for real-time communication between doctors and patients, improving accessibility, efficiency, and overall quality of healthcare delivery.

Additionally, the platform supports healthcare research and patient education while minimizing the need for physical hospital visits. By leveraging smart technologies, it enhances clinical decision-making, patient engagement, and continuity of care.

Certificates

- Microsoft Certified: Azure Solutions Architect Expert (Az-305)
- Microsoft Certified: Azure Administrator Associate (Az-104)
- Microsoft Certified: Azure Fundamentals (Az-900)
- OCI 2023 Certified Foundations Associate
- OCI 2023 AI Certified Foundations Associate
- OCI 2023 Data Management Foundations Associate

Languages

- English
- Hindi
- Marathi