

**Value Propositions**

- **Certified** Cloud Architect with 5 years of managing infrastructure on **OCI/Azure/VMware** in **DEV/UAT/Prod** environment.
- **Reduced** CAPEX by **US \$25,000/year** by identifying unused resources in the cloud using **Cost Analysis**.
- Saved **US \$42,000/year**, reduced clients' OPEX and CAPEX by migrating non-production, non-CDB database to CDB.
- Saved 4 hours/week, equating to a remarkable **208 hours/year** by automated tasks using Python, PLSQL, and Shell Scripts.
- Hands-on in **multiple domains** including **Database Development/Administration, Cloud, DevOps, and Automation**.

**Summary**

Experienced Oracle consultant with a diverse skillset, performing overarching roles as a system administrator, database administrator, and application developer. Leverages a DevOps mindset and an automation-first approach to provision, manage, and develop Oracle Cloud IaaS, PaaS, and SaaS services, including Oracle Fusion ERP, Oracle Integration Cloud (OIC), databases - ATP, DBCS, APEX, VBCS, ORDS, DevCS, storage, network - VCN, NSG, SL, and compute VMs. Proficient in managing security and access control using IAM, IDCS, policies, compartments, network security groups, and security lists to build a highly available, robust platform.

**Work Experience****First Solar** (System Admin II - Oracle Cloud)

Aug/24 – Present

- Responsible for designing/implementing/managing PaaS/IaaS on Oracle Cloud.
- Implementing Observability and Monitoring, for insights into system performance and bottlenecks.
- Using Events, Operation Insights, Alarms, Logging Analytics services to monitor the OCI fleet.
- Participate in new developments and enhancement in the capacity of a developer and administrator.

**SunPower** (Platform Engineer - Oracle Cloud)

May/24 - July/24

- Responsible for managing the IaaS/PaaS/SaaS on Oracle Cloud and Oracle Fusion Cloud ERP.
- Automating day-to-day workflows and code deployment using Python to reduce human errors and time to market.
- Building CI/CD automation for BIP Objects, integrations, VBCS apps, ATP Objects, and much more using Python.
- Building Oracle Fusion Configuration migrations automation using Config Snapshot tool for RMCS, AR, AP, PPM, and SLAs.
- Building automation for Oracle Fusion and IDCS password rotations.
- Building automation to actively monitor Locked and/or Expired user/passwords in Oracle Fusion and IDCS.
- Point of contact for the internal team, external vendors, and Oracle for maintenance, outages, refreshes.
- Collaborated with cross-functional teams to troubleshoot performance issues in the database and application.

**Global Vox** (Cloud Engineer)

Jan/20 - Dec/23

- Implemented and managed infrastructure (IaaS/PaaS/SaaS) worth ~ **US \$400,000/year** on Oracle Cloud infrastructure.
- Perform **pre/post refresh** tasks of Oracle fusion, Database, DBCS, OIC, VBCS from Prod to Test (**P2T**), and Test to Dev(**T2T**).
- Proactive **monitoring** and observability using [Grafana](#) and **Prometheus** reducing system downtime/outage by **95%**.
- **Led migration, promoting** database, integration, ORDS, APEX, VBCS, BIP objects from dev, UAT to UAT, production.
- Tuned **OIC** workloads by monitoring system load and maintaining system **reliability and cost efficiency**.
- Communicated and **evaluated** third-party **vendors' tools** for integration into the application.
- Creating technical/architecture [diagrams](#) and documents using Lucid Chart.
- Provided **24/7 on-call** support and led root cause analysis efforts.
- Hands-on **building** app driven and scheduled **integrations** using various adaptors and lookups.
- Utilized [GitHub](#) code repositories for **change/version control** and streamline collaborative development efforts.
- Implemented real-time order monitoring using PL/SQL, **reducing revenue loss**, and enhancing end-client **retention**.
- Optimized a 4 TB database refresh from 72 hours to 12 hours, 83% improvement, using parallel data pump and automation.
- **Secured virtual machines** from suspicious **login attacks** by implementing password-less authentication using SSH keys.

## Face Recognition – AI

- Installing Oracle 12/18c EE/XE database and creating users/tables/indexes/ORDS/roles etc.
- **Developed app** using Oracle APEX, PL/SQL, JavaScript, REST APIs aligned with **business requirements**.
- Build bash and python scripts to monitor databases and archiving and purging files from SFTP to **save cost** and storage.
- Conduct database **load and stress testing** to identify limitations and bottlenecks.
- **Automated** deployments and IT workflows reducing errors by **90%** using Python, Oracle REST APIs, Shell Scripts etc.

**Education**

- Master of **Computer Applications**, Gujarat University, Gujarat, India.
- Bachelor of Science in **Computer Science (CS)**, VNSGU, Gujarat, India.

## Experimental Projects

- **H1BPay:** find companies that sponsored H1B visas in the last 10 years. **MERN:** MongoDB, Express, React, Node. [View Project](#)
- **JSON Formatter:** a JSON string formatting and validation tool using GitHub, JavaScript, html, and CSS. [View Project](#)
- **Digital Clock:** a minimalist digital clock using GitHub, JavaScript, HTML, and CSS. [View Project](#)
- **Queue:** an interactive app to demonstrate how the queue algorithm works. [View Project](#)
- **Portfolio:** build and deploy using HTML, JavaScript, CSS, and GitHub Actions. [View Project](#)
- **GIF Hunters:** search and copy GIFs and memes using REST API, GitHub, JavaScript, HTML, and CSS. [View Project](#)
- Deployed projects on **Microsoft Azure** using Static Web Apps and **GitHub Actions** using **CI/CD**.

## Certification and Achievements

- Oracle Cloud Infrastructure Architect Associate 08/2023
- Oracle Cloud Database Migration and Integration Certified Professional 05/2023
- Oracle Cloud Infrastructure Foundations 06/2023
- Oracle Integration Cloud Solution Engineer Specialist 02/2023
- Microsoft Certified: Azure Data Engineer 01/2022
- Microsoft Certified: Azure Foundation 10/2021
- Become a DevOps Engineer - [LinkedIn](#) 12/2021
- Earned Gold Badge for SQL on [Hacker Rank](#) 10/2021
- [Delivered an expert lecture on Cloud/DevOps](#) in a Faculty Development Program at Indrashil University. 12/2021
- Oracle Autonomous Database Cloud Certified Specialist 07/2020

## Skill Matrix

Category	Skills	Rating	Category	Skills	Rating
<b>Infrastructure</b>	Oracle Cloud/Azure	8	<b>Databases</b>	Oracle, MySQL, SQL Server	8
	On-Prem VMware	7		ATP, MongoDB Atlas	7
	Networking, Compute, Storage	8		Database Cloning	9
	Cost Analysis, Billing, Security	9		Data pump, RMAN	8
	Well-Architected Frameworks	8		Installation, Migration	8
	IDCS, IAM, Policies, Monitor	8		Performance Tuning	8
	IaaS/PaaS/SaaS	8		Oracle APEX, ORDS	8
<b>Programing</b>	Python, PL/SQL, Bash	7	<b>Oracle Fusion</b>	Oracle Fusion Clone	9
	JavaScript, HTML, CSS	7		OTBI, BICC	6
	Packages, Procedures	8		Security Console	8
	Web Services REST APIs	8		Oracle WMS	5
<b>DevOps</b>	Docker, Kubernetes	6	<b>Collaboration</b>	Oracle Integrations Cloud (OIC)	7
	docker-compose	7		VBCS – Visual Builder	5
	Terraform, Prometheus	7		Technical Documentation	9
	Version control – Git, GitHub	8		Oracle Support	10
	Automation, Grafana	8		3 <sup>rd</sup> Party Vendors	10
	Root cause analysis (RCA)	8		Verbal/Written Communication	9
	Tomcat, Nginx, Apache	6		Ability to work independently	10
<b>Other Skills</b>	Troubleshooting	8	Team Collaboration	10	
	Impact Analysis	9	SDLC Processes	8	
	Adapting to New Technologies	10	Agile, Scrum	8	
	Proactive Learning Attitude	10			
	Problem Solving	9			
	Design and Deployment	9			

Note: In Rating: 0 – Novice, 10 - Expert

