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SUMMARY

Senior DataOps and Database Specialist with over 17 years of experience, including hands on leadership in database environments for mission critical systems. I specialize in data ELT/ETL migrations, SQL performance tuning, high availability setups, version lifecycle management, and automation on Linux based infrastructure. At organizations like IKANO Bank and Sanet Telecom, I've proactively involved major database ELT/ETL migrations, built cost efficient, scalable database services, and optimized backend systems supporting millions of transactions.

Strong communicator and team player with a proactive problem solving mindset. I am a self driven contributor with a deep understanding of cloud native architectures (AWS/Azure/OCI) and cross functional collaboration. My approach blends engineering discipline with business understanding, ensuring robust, secure, and cost effective database operations that scale.

TECHNICAL COMPETENCE

Framework	Scrum
Operating system	Linux, Windows Desktop/Server, MAC
Programming language	SQL, Python, Perl, PHP, JavaScript, HTML5, CSS3
Databases	PostgreSQL, MariaDB, MySQL, MS SQL, Oracle, DynamoDB, Elasticsearch
Clouds	AWS, Azure and Azure DevOps, OCI, GCP

LAST ASSIGNMENTS

Dec 2022 to May 2025, IKANO Bank, Database Administrator and Data Analyst

Apr 2018 to Nov 2022, Sanet Telecom, Database Reliability Engineer

Jan 2013 to Apr 2018, Nargan IT, Database Administrator and Developer

ASSIGNMENTS and EMPLOYMENTS

IKANO Bank (Consultant from QualiPro),
Database Administrator and Data Analyst

Dec 2022 to May 2025

Technical Skills

- **Databases:** Proficient in MariaDB, MySQL, PostgreSQL, MSSQL Server, and DynamoDB.
- **SQL Optimization:** Strong background in performance tuning, query optimization, and resolving database bottlenecks.
- **Data Migration:** Extensive experience in designing and executing end to end ELT/ETL data migration strategies.
- **Backup & Recovery:** Skilled in implementing robust backup and disaster recovery solutions.
- **Cloud Infrastructure:** Solid understanding of AWS services, including RDS, DMS, S3, Transfer Family, and Secrets Manager.
- **Data Quality:** Expertise in data validation, ensuring accuracy and integrity across systems.

Tools & Methodologies

- **Cloud Services:** AWS (RDS, DMS, CloudWatch, S3, Transfer Family, Secrets Manager).
- **Monitoring & Performance:** CloudWatch and other performance monitoring tools.
- **Framework:** Scrum (Jira, Jira Align).

DevOps & CI/CD for Databases: Designed and implemented CI/CD pipelines using Azure DevOps repositories and GitHub Actions and Python, Bash, and PowerShell scripting, with secure deployments using GitHub Secrets, Terraform infrastructure deployment, HAProxy for MS SQL Server. Designed, implemented, and operated a complete DataOps (Data DevOps) pipeline from scratch to automate ETL data migration from an on-premises PostgreSQL server to Google Cloud Platform BigQuery using CI/CD. Experience with Liquibase and Flyway for database versioning.

Professional Experience

I have a solid database management and optimization foundation, with hands on expertise in administering and improving performance for MariaDB, MySQL, PostgreSQL and DynamoDB. I specialize in SQL performance tuning, data migration planning, and implementation with minimal downtime. My responsibilities have included:

- Designing and executing comprehensive data foundation and data migration plans across cloud and hybrid environments.
- Implementing cost effective backup and disaster recovery strategies.
- Monitoring system performance and applying updates and patches to ensure database reliability.
- Ensuring data integrity through rigorous validation and quality assurance processes.
- Collaborating with cross functional teams to define requirements and deliver database solutions aligned with business goals.
- Played a role in a major **Bank Merging Project**, executing seamless data migration ELT/ETL using AWS DMS and SQL scripting across AWS RDS, S3, Transfer family, and Secrets manager, delivering zero downtime, error free results for banking and AI systems (AWS DMS, PostgreSQL, MS SQL).
- Played a role in a **Camunda BPM ELT/ETL migration** and data sync from a legacy database to optimized PostgreSQL for high volume municipal datasets.
- Took initiative to reduce RDS and backup costs by **up to 75%**, and optimized SQL queries to reduce resource consumption by **over 95%**.
- Collaborated directly with product owners, not just DevOps teams, ensuring that databases served the needs of the business and data governance.
- Handled full lifecycle data migration, including initial bulk load and continuous sync between on-premise and cloud systems.

Key Achievements

- **Manfred Project (Bank Merging):** Involved critical database migration and integration efforts during a complex merger involving three banks. Used AWS DMS, pure SQL scripts, and multiple AWS services to ensure a seamless transition with **zero data loss or system downtime**, a career defining achievement.
- **Cost Optimization:** Proposed and implemented changes that reduced AWS RDS and backup storage costs by approximately **75%** across several accounts and databases.
- **Query Optimization:** Identified and refactored problematic queries, achieving up to **95% reduction in resource consumption** and significantly improving backend application performance.
- **Cross Team Collaboration:** Acted as a database consultant for backend teams, writing complex queries, advising on best practices, and supporting production changes in live environments.
- **Database Design & Migration:** Designed new database schemas for evolving project needs and successfully migrated databases between RDS engines with minimal impact.

Sanet Telecom, Sweden (Remote)

Database Reliability Engineer

Apr 2018 to Nov 2022

Technical Skills

- **Databases:** MySQL, MariaDB, Oracle, MS SQL Server, Azure SQL Database

- **High Availability & Clustering:** SQL Server Always On, Failover Clustering, SQL Server Replication, Galera Cluster, ProxySQL
- **Scripting & Languages:** Python, PHP, Perl, Bash, PowerShell, JavaScript, HTML, CSS, REST APIs
- **Infrastructure:** Linux Server, Windows Server, Active Directory, Docker, VMWare, Data Center Operations, Networking, SAN
- **Monitoring & Reporting:** Elasticsearch, Kibana, Crystal Reports
- **Tools & Platforms:** Jira, Microsoft 365, WordPress, CMS
- **VoIP & Telephony:** Soft Switches, VoIP Traffic Systems, Monitoring Solutions

Work Methodologies & Tools

- **Cloud Services:** Azure Cloud, Microsoft 365 Power Automate
- **Virtualization:** Dockerized environments
- **Cross platform:** Servers and systems administration (physical, virtual, cloud)

Professional Experience

With a robust background in database administration and IT infrastructure, I bring expertise in managing high performance, high availability systems across diverse platforms. I have led critical database operations, from performance optimization and clustering to large scale data migrations and application development.

Key Responsibilities and Contributions

- Managed multi tenant MySQL environments across telecom grade infrastructure, supporting 24/7 VoIP services.
- Led the development of a centralized database platform, used by internal systems with varying performance and isolation requirements.
- Applied connection pooling and cost efficient resource sharing techniques using ProxySQL, Galera cluster, HAProxy, and DB configuration tuning.
- Collaborated directly with system/application owners, not just DevOps teams, ensuring that databases served the needs of the business.
- Delivered disaster recovery plans and active failover strategies for MySQL, reducing risk while aligning with telecom SLA expectations.
- Designed and implemented comprehensive backup and disaster recovery strategies, minimizing risk and downtime.
- Led the development of in house Sales & Marketing and Call Center database applications, saving time and resources for the business.
- Supported 24/7 VoIP infrastructure (4 Soft Switches, 6 monitoring and reporting databases), significantly improving call quality (ASR)(from 8% to 40%) by implementing ProxySQL and other performance solutions.
- Built and maintained Galera Clusters for MySQL, enabling zero data loss and maximum uptime.
- Migrated data from Oracle and MySQL to Azure SQL Server and onpromis MS SQL servers, including high availability setup with SQL Server Always On and failover clustering.
- Created NOC monitoring dashboards and reporting tools using Kibana.
- Optimized data warehouses and reduced query response times through tuning and structural improvements.
- Developed complex stored procedures, and functions to enhance application functionality and reporting accuracy.
- Authored numerous automation and utility scripts in Python, Bash and PowerShell to support DevOps and operational tasks.

Leadership & Collaboration

- Experience conducting technical workshops and training sessions for an NOC team and leading a 16 person 24/7 database and infrastructure support team, fostering a collaborative and high performance environment.

EDUCATION

- M.A. in IT Entrepreneurship Management, University of Tehran, 2014 - 2017

LICENCES

- B.S. in Software Engineering, 2009 - 2011
- LPIC (Linux Professional Institute) 2015
- LPIC (Linux Professional Institute) 2010
- Certified Linux Administrator (Novell) 2010
- Data Center Technical Specialist (Novell) 2010

SKILL BREAKDOWN

Methodology:

SKILL	Years of EXP	Last use
SAFe (Scaled Agile Framework)	3	2025

Databases:

SKILL	Years of EXP	Last use
PostgreSQL	5+	2025
MySQL	5+	2025
MariaDB	5+	2025
DynamoDB	2+	2025
MS SQL	5+	2018
Oracle	2	2019
Oracle Form APEX	1	2018
Elasticsearch	2	2019

Infrastructure management tools:

SKILL	Years of EXP	Last use
DevOps & CI/CD for Databases	1	2025
Datacenter	5+	2018
Kibana (Data visualization dashboard)	2	2019
Galera Cluster	4	2022
MySQL Proxy	2	2022
Apache Airflow	1	2025
Liquibase	1	2025
Flyway	1	2025
DBT	0	2025
Terraform	1	2025
HAProxy	1	2025

Cloud services:

SKILL	Years of EXP	Last use
AWS	4	2025
Azure	1	2025
GCP + BigQuery	1	2025
OCI	1	2025

Frontend coding languages, frameworks, and libraries:

SKILL	Years of EXP	Last use
HTML5	5+	2022
JavaScript	5+	2022
CSS	5+	2022
Bootstrap	1	2018
jQuery	5+	2022

Backend coding languages, frameworks, and libraries:

SKILL	Years of EXP	Last use
SQL, pgSQL	5+	2025
Python	3	2025
PowerShell and Bash scripting	5+	2025
PHP	5+	2022
Perl	3	2014
Symfony framework	1	2018
Laravel framework	2	2018

Containerization and virtualization platforms and tools:

SKILL	Years of EXP	Last use
VMware	5+	2022
Docker	5+	2022
Hyper-V	1	2018

Version management software and platforms:

SKILL	Years of EXP	Last use
GIT, GitHub, GitHub Action	3	2025

Project management platforms:

SKILL	Years of EXP	Last use
Trello	4	2022
Jira Align	3	2025
Jira	3	2025

Content management systems:

SKILL	Years of EXP	Last use
WordPress	5+	2025
Joomla	2	2014
Drupal	1	2014