Job Title: Senior MySQL Developer / DBA – Cloud Telephony Infrastructure

Location: Hybrid / Remote (Preferable Mumbai)
Employment Type: Full-Time
Experience Required: 10+ Years
Industry: Cloud Communications / SaaS / Telephony Solutions

About the Role

We are looking for a seasoned **MySQL Developer / Database Administrator** with deep expertise in managing high-performance, scalable databases in cloud telephony environments. The ideal candidate will be responsible for architecting, optimizing, and maintaining mission-critical databases that power voice, SMS, IVR, and analytics platforms. This role demands a strong understanding of telecom data flows, real-time processing, and high-availability systems.

Key Responsibilities

- Design, implement, and maintain robust MySQL database architectures for telephony applications

- Optimize complex queries, stored procedures, and indexing strategies for large-scale datasets

- Ensure high availability, disaster recovery, and replication strategies (e.g., MySQL Group Replication, Galera Cluster)

- Monitor database performance and proactively resolve bottlenecks and anomalies

- Collaborate with development teams to design efficient data models and schema

- Manage database security, access controls, and compliance with telecom data regulations

- Automate backup, restore, and archival processes using scripting and cloud-native tools

- Support real-time analytics and reporting pipelines for call logs, IVR flows, and usage metrics

- Work closely with CTO to integrate database operations into CI/CD workflows

Required Skills & Qualifications

- 10+ years of experience in MySQL development and administration

- Proven experience in cloud telephony platforms (e.g., Twilio, Exotel, Plivo, Knowlarity)

- Strong knowledge of telecom data structures: CDRs, IVR logs, call routing metadata

- Expertise in performance tuning, query optimization, and partitioning strategies

- Hands-on experience with replication, clustering, and high-availability setups

- Proficiency in Linux shell scripting, automation tools, and monitoring systems (e.g., Prometheus, Percona Toolkit)

- Familiarity with cloud platforms (AWS RDS/Aurora, GCP Cloud SQL, or Azure Database for MySQL)
- Understanding of data privacy, security, and telecom compliance standards

Preferred Qualifications

- Experience with NoSQL databases (Redis, MongoDB) for caching and real-time data
- Exposure to Asterisk, FreeSWITCH, or open-source PBX systems
- Knowledge of ETL pipelines and integration with BI tools (e.g., Metabase, Grafana)
- Contributions to database performance audits or open-source tools

What We Offer

- Competitive salary and performance-based incentives
- Flexible work environment with remote options
- Opportunity to lead database strategy for cutting-edge telephony solutions
- A collaborative and innovation-driven culture