Yashwanth S

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CAREER OBJECTIVE

Database engineer with **MySQL** experience across **performance optimization, replication, backup, and monitoring**, plus exposure to cloud-managed databases (Amazon EC2/RDS). Seeking an **Associate DBA** role to contribute to **high-availability, secure, and well-tuned** MySQL environments.

EDUCATION

SJB Institute of Technology **Dec 2022 – Jun 2026**

BE – Information Science and Engineering — CGPA: 8.8/10 — Bengaluru

Swami Vivekananda PU College **Jun 2022**

12th Standard (PCMB) — Percentage: 94% — Pavagada

EXPERIENCE

Associate Database Engineer – Mydbops **Jun 2026 – Sep 2026**

- **Administration:** Managed dozens of MySQL servers across multiple client environments via Linux/SSH, including client onboarding and user/privilege management.
- **Replication & HA:** Set up and troubleshot source-replica, master-master, GTID, and binlog-based replication, fixing lag and broken replication and performing failovers.
- **Backup & Recovery:** mysqldump, XtraBackup, binlog point-in-time recovery, and restore testing.
- **Upgrades & Monitoring:** Performed in-place MySQL version upgrades; monitored servers with PMM (OS usage, uptime, replication lag).

Summer Intern – Sasken Technologies Limited **Jun 2025 – Jul 2025**

- Developed backend modules and **15+ RESTful APIs** using **Java/J2EE** for enterprise systems with **1,000+ daily users**, improving integration efficiency by **30%**.
- Optimized **database queries** and refactored code, contributing to **40% faster response time**; took part in debugging, code reviews, and Agile sprints.

PROJECTS

Database Performance Monitoring & Optimization System (MySQL)

- Designed a **normalized MySQL database** with primary/foreign keys and complex **SQL queries** (JOINs, subqueries, aggregates) for transactional reports; optimized with **indexing**, **EXPLAIN** plan analysis, and views/stored procedures, with exposure to **cloud databases** (Amazon RDS).

Malware Analysis Tool (Web-Based Security Application)

- Developed a web-based malware analysis tool in JavaScript with file upload handling, script analysis, and real-time dashboards showing threat severity, file metadata, and mitigation recommendations.

TECHNICAL SKILLS

Databases & Cloud: MySQL, MariaDB, Amazon RDS, Amazon EC2
MySQL Administration: Replication (Source-Replica, Master-Master, GTID, Binlog), Failover, In-place Version Upgrades, User & Privilege Management.
Backup & Recovery: mysqldump, Percona XtraBackup, Binlog Point-in-Time Recovery (PITR)
Performance Tuning: Indexing, Query Optimization, EXPLAIN Plans, Views, Stored Procedures
Monitoring & OS: PMM, Percona Toolkit, Linux/SSH, Bash Scripting
Programming & Concepts: Java, J2EE, RESTful APIs, JavaScript, C, Git, DBMS, OS, Networking

CERTIFICATIONS

Becoming a Production MySQL DBA – Udemy AWS Certified Cloud Practitioner – In Progress
Java Masterclass – Udemy (2024)