A V B Manikanth   SQL DEVELOPER

Open Minded Senior SQL Developer with 3+ years of broad Expertise in Database with willingness to learn and master data engineering. SQL Queries Optimisation practitioner.

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KEY SKILLS

Databases

- PostgreSQL
- Cost-based Optimization
- PL/SQL
- Oracle

Back End

- Java EE
- Struts
- Servlets

Tools

- Burp Suite

Mobile App

- AndroidX, JetPack
- Layout Design
- Web Service Integration

Front-End

- JavaScript
- jQuery
- JSP

WORK HISTORY   10-Feb-2017 – Present

Centre for Development of Advance Computing (C-DAC)   Noida Uttar Pradesh (India)

Project Engineer   **06/2019 - Present**

- Resolved technical problems relating to the high-profile hybrid application resulting in application performance turning and code quality improvements.
- Reviewing the quality of code for the mission-critical internal web application ensuring compliancy with the company coding standards.
- Scoping project requirements using Agile & Scrum principles.
- Creating Database Links from Testing to Production databases.
- Monitoring the production PostgreSQL alert logs for database errors.
- EXPLAIN and EXPLAIN ANALYZE to identify and fine tune sql queries for performance improvements.
- Analyzing active connections and provide suggestions for improvement.
- Creating users, tablespace, data files, tables, indexes, partitions as per requirement.
- Gathering statistics of tables, indexes, schemas and database to improve the performance.
- Converting data into actionable insights by predicting and modelling future outcomes.
- Creating pgAgent Jobs schedulers.

Software Developer   **02/2017 – 06/2019**

- Developing stored procedures, user functions and triggers.
- Developing DAO layer code for java based web application.
- Design and implementation of the 99.99% up time REST API for critical mobile application.
- Converting android app from support library to Androidx (Jetpack).
- Security testing of web application like SQL Injection, Input Validation and Session attacks.
- Performing unit & load testing for mission-critical web application eliminating system failure rate by 75%.
- Developing image to text conversion project using machine learning open source tools.
- Optimizing existing data storages and reporting queries for the high volume customers facing portal using PostgreSQL in minimization of the average response time.

EDUCATION

- Bachelor of Technology (Electronics and Communication Engineering). 2012 – 2016