

MANIKANDAN KARUNAKARAN

Software Engineer

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SUMMARY:

3.9 years of experience in **SQL /PLSQL Developer** is an Integrated Development Environment that is specifically targeted at the development of **stored program units** for **Oracle Databases**. Experienced and passionate **PHP Laravel developer** with a strong background in web application development. With a keen eye for detail and a commitment to delivering exceptional quality, I specialize in crafting robust and scalable web solutions using the **Laravel framework**. Proficient in **both back-end** and **front-end** technologies.

EXPERIENCE:

Software Engineer

IDEA EXECUTION TECHNOLOGIES

From MAY 2023 to Till Date

Roles & Responsibilities

- **Laravel Development:** Expert in utilizing Laravel PHP framework to develop custom web applications, APIs, and dynamic websites. Proficient in Laravel's extensive features such as Eloquent ORM, Blade templating engine, and artisan commands.
- **PHP:** Skilled in PHP programming language, adept at writing clean, readable, and well-documented code. Capable of handling complex backend logic efficiently.
- **Database Management:** Experienced in working with various databases like MySQL, PostgreSQL, and MongoDB. Proficient in database design, optimization, and querying.
- **Front-end Technologies:** Familiarity with front-end technologies such as JavaScript, and modern JavaScript frameworks like React.js. Ability to create responsive and interactive user interfaces.
- **Version Control:** Proficient in using version control systems like Git, ensuring collaborative and organized development processes.
- **Problem-Solving:** Strong analytical and problem-solving skills. Capable of identifying issues and implementing effective solutions promptly.
- **RESTful APIs:** Experience in designing and developing RESTful APIs for seamless integration between different applications and services.
- **Testing and Debugging:** Skilled in unit testing, debugging, and performance optimization to deliver high-quality, bug-free applications.
- **Authentication and Authorization:** Implementing secure authentication and authorization systems using Laravel's built-in tools or packages like Passport for API authentication.
- **UI/UX Design Awareness:** Basic understanding of user interface and user experience design principles to collaborate effectively with designers and create user-friendly applications.
- **Documentation:** Strong documentation skills, ensuring comprehensive code comments, API documentation, and system architecture diagrams for future reference and team collaboration.

EXPERIENCE:

Jr. Software Engineer

INFOMANIA TECHNOLOGY SOLUTIONS

From DEC 2019 to APR 2023

Roles & Responsibilities

- Involved in understanding the technical direction of the programming staff from a back end database design and development perspective.
- Developed Linux Shell/SQL Scripts for data extraction, transformation and to load on staging tables.
- Developed PL/SQL Procedures/Functions/Packages to load data into Dimension and Fact tables.
- Improved data warehouse's performance by implementing advanced Oracle Data Warehousing features: Materialized Views, Partitioning, External Tables, Dimensions, Parallel Execution.
- Worked with Production Support team to immediately resolve failures in production data processing. Collaborated with business users on resolving data inconsistency and reporting issues.
- Used SQL*Loader and created the External Tables in order to load data from flat files into oracle tables.
- Extensively used Bulk Collect and FORALL statements for manipulating the large amount of data and enhance performance.
- Wrote complex SQL queries using joins and sub queries to retrieve data from the database. Also made use of set operators like Union, Union all, Intersect and minus.
- Responsible for performance tuning using Explain plan, TKPROF and oracle Hints. Used Table Partitioning in huge Table to increase database performance.
- Import and Export of DB LINKS for accessing data across different database.
- Maintained record of all maintenance release for all applications and maintain knowledge of all enhancements.
- Configuring Rule, PMF process and Run as per the run chart based on requirement. And created Rules by using Datasets, Measure and business processor for an application.

AREAS OF EXPERTISE

- Oracle PL/SQL specialist
- Using VS code editor, git hub, Source tree,
- Working Knowledge with DB Tools/Utilities like PHPmyadmin, Laravel Framework, Import/Export, and
- React Framework, Node.js, JSON.
- Basic Knowledge of Various databases such as Unix Shell script, MS Access, HTML5, CSS3

OTHER SKILLS

- Advanced problem solving skills
- Troubleshooting and debugging
- Performance and scalability optimization
- Knowledge of using Data Modeling Tools such as Erwin and Visio.

DECLARATION

I hereby declare that all the information mentioned in my resume is true and correct to my knowledge and I take full responsibility for the accuracy of the particulars mentioned.

Date:

Place:

Sincerely

Manikandan K