MARCOS VINICIO PEREIRA

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Location    : São José dos Campos - SP - Brazil
Phone       : +55 (12) 9 9746 5070
Email       : marcos.vinicio.per@gmail.com
LinkedIn    :
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https://www.linkedin.com/in/marcos-vinicio-pereira/?locale=en_US/

Presentation

I have been a systems analyst and developer for twenty-nine years. Over the last twenty-three years I have worked with systems aimed at various databases, with critical deliveries and a large volume of complex processing such as Payroll, Human Resources, Electronic Clock-In/Out System, Inventory Management, Commissions, among others, structuring table modeling and implementing legal and business requirements. I have experience with OracleDB, SQLServer, PostgreSQL, MySQL, and MongoDB.

I was responsible for the complete development of a Payroll and Human Resources system, focused on different databases. I worked with data migrations, changing financial and accounting plans, monitoring development in the ANSI standard for databases, SQL refactoring (DQL), reports, charts, and indicators.

I recently worked in Full-Stack development using Java/JPA/JSP/PostgreSQL.

I have experience working remotely for over sixteen years.

Thank you for your time in reading this presentation and I remain at your disposal for future contacts.

Schooling - Major in Database Technology

- Fatec São José dos Campos - Prof. Jessem Vidal - Data Science (Missing TG planned for Dec/2023)
- Electrical Engineering at Univap (Incomplete - 1990)

Certificates

See them in my repository.

- ✓ Oracle - Database Programming with SQL 2019 Study Certificate
- ✓ Oracle - Certificate of Learning
- ✓ MongoDB Basics
- ✓ MongoDB for Python Developers
- ✓ Java - Basic and Intermediate
- ✓ Python
- ✓ HTML5/CSS3
- ✓ LinkedIn Transact-SQL Seal
- ✓ Microsoft Excel LinkedIn seal

Experience

- **Full Stack Developer Mid-Level (IT.ALL) 01/2024**

I have worked at development in Full-Stack REST/API, maintenance, Git versioning and documentation. Project with sixty-eight repositories.

- ✓ Java 7 e 8
- ✓ JasperReports (iReport)
- ✓ Apache Struts
- ✓ Oracle Database
- ✓ PL/SQL
- ✓ DQL
- ✓ SQL Developer
- ✓ HTML
- ✓ CSS
- ✓ JavaScript
- ✓ JQuery
- ✓ Ajax
- ✓ Tomcat
- ✓ GitLab
- ✓ Jira
- ✓ Documentation
- ✓ Batch Files (.bat and .sh) h)

- **Developer (Fotosensores Tecnologia Eletrônica Ltda) 01/2022 to 10/2022**

I have worked at development Full-Stack REST/API, maintenance, Git versioning, support level 3 and documentation. With clients such as public agencies (city halls).

- ✓ Java
- ✓ JasperReports (iReport)
- ✓ VRaptor
- ✓ JPA
- ✓ Hibernate
- ✓ PostgreSQL

- PL/SQL
- DDL
- DML
- DQL
- pgAdmin
- Java Server Pages (JSP)
- HTML
- CSS
- JavaScript
- JQuery
- Ajax
- Tomcat
- Docker
- Linux Fedora
- GitHub
- Mantis
- Batch file (.bat and .sh)
- Documentation

- **Assistant Position of Administrative Management (City Hall of São José dos Campos/Brazil) 09/2018 to 12/2021**

Experience as a civil servant in the Purchasing department of the Department of Education and Citizenship, where I conducted analyses of purchasing needs for monthly consumption stock, construction projects, bidding processes, and price registration records. I automated these tasks by developing an application using VBA/Microsoft Excel® to perform the analyses, generate reports, indicators, and control departmental data.

- Visual Basic for Applications (VBA)
- Microsoft Office
- Outlook
- Batch file (bat)
- Documentation

- **Self-Employed Entrepreneur 08/2011 to 03/2018**

Experience with development, business rules, requirements gathering, adherence analysis, reports, charts, indicators, deployment, sales, payroll, and human resources consulting (Federal tax payment guide and debt declaration guides), financial and accounting plan conversion and migration, commission calculation, barcode-based inventory control and Point of Sale (POS) system.

- XHarbour (XBase)
- Java
- Visual Basic for Applications (VBA)
- Oracle DB
- SQLServer
- MySQL
- PL/SQL
- DDL
- DML
- DQL (Tunning SQL)
- Microsoft Office
- TeamViewer
- Batch file (.bat and .sh)
- Documentation

- **Module Leader Team (Newage Software S/A) 04/2001 to 07/2011**

I was responsible for the development of Payroll and Human Resources modules, integrated with ERP (SaaS). Work with business rules, legal requirements gathering, adherence analysis, deployments, reports, charts, indicators, sales presentation, level 3 support, technical documentation, documentation for users, and the development of the system update tool.

- XHarbour
- Core-Builder
- Java
- SaaS Methodology
- Oracle DB
- SQLServer
- MySQL
- Entity-Relationship Model
- DML
- DQL
- SQL Tunning
- HTML
- CSS
- Microsoft Office
- Microsoft Project
- Documentation

- **Developer (Humanist Sistemas Ltda) 03/1999 to 03/2001**

Experience with development, business rules, gathering legal requirements, deployments, maintenance, training for users and business partners, sales presentations and support for Payroll, Human Resources and Electronic Time and Attendance System. Involvement in the upgrade of the DBF base system to Relational Databases in refactoring. Contribution to the improvement of the system update tool.

- Clipper
- Fivewin
- Oracle
- SQLServer
- ODBC
- DML
- DQL
- Microsoft Office
- Batch file (bat)
- Documentation

- **Developer (Horus Informática Ltda) 11/1997 to 03/1999**

Experience with development, business rules, gathering legal requirements, implementation, maintenance, reporting, user training, sales presentations, and support for Payroll systems.

- ✓ Clipper 5.1
- ✓ DBF
- ✓ DBU
- ✓ Batch file (bat)
- ✓ Documentation

- **Accounting Assistant (Associação Cultural Recreativa e Esportiva Thermas do Vale Ltda) 12/1994 to 11/1996**

Experience as an accounting analyst, payroll calculation, tax collection guide and receipts. Development of systems to support bank reconciliation and sales and partner title maintenance entries, integrating with digital reports of bank settlements.

- ✓ DBase4
- ✓ FoxPro
- ✓ Clipper Summer 87
- ✓ Lotus 123
- ✓ Batch file (bat)

Languages

- Portuguese - Native (Extensive practice of spelling rules, reading, comprehension, and formal writing)
- Intermediate English (Able to read and author emails and messages and understand sentences with frequently used words)

Development-Specific Knowledge

- ✓ Distributed Databases (MySQL and Cassandra)
- ✓ Non-Relational Database (MongoDB)
- ✓ Dataware House
- ✓ SQL Server Business Intelligence Development Studio
- ✓ TypeScript
- ✓ Spring-Boot
- ✓ VueJs
- ✓ React
- ✓ Python
- ✓ C
- ✓ Postman
- ✓ JUnit
- ✓ Cypress
- ✓ Eclipse IDE
- ✓ Visual Studio Code IDE
- ✓ Azure
- ✓ Jira
- ✓ Zendesk
- ✓ OOP

Specific Knowledge Other Areas

- ✓ Applications rule by the Brazilian Consolidation of Labor Laws
- ✓ Bidding
- ✓ Knowledge of school routines

Brazil - São José dos Campos, July 3rd, 2024

Marcos Vinicio Pereira