

# RAIMUNDO PEREIRA

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## Software Engineer

I have 6+ years of experience specializing in the design, development, and deployment of backend APIs for diverse business domains including E-commerce, banking, and healthcare allowing for a deep understanding of industry-specific challenges and requirements. Proficient in utilizing Java programming language, with a proven track record of delivering high-quality, efficient, and maintainable code for several projects. Proficient in leveraging the Spring framework's modules, including Spring MVC for building web applications, Spring Boot for rapid application development, Spring Data for seamless data access, and Spring Security for ensuring robust application security. Experienced in working with a range of relational databases, including MySQL, PostgreSQL, and Oracle, to design and optimize database schemas, write complex SQL queries, and ensure data integrity.

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Object-Oriented Programming • Web Services • Service Oriented Architecture • Microservices  
Spring Security • Hibernate/JPA • Database Design • Design Patterns • SOLID Principle

**Languages:** Java

**Web:** HTML5, CSS3, ReactJS, Angular, JavaScript, XML, AJAX, jQuery, Bootstrap

**Web Services:** REST, SOAP, Microservices

**Web/App Servers:** Apache/Tomcat, JBoss

**Frameworks:** Spring (MVC, Boot, Security, Data), Node Express

**Databases:** MySQL, Oracle, Postgres, MS SQL, MongoDB

**Design Patterns:** MVC, Singleton, Prototype, Observer, Session, Session Factory, Decorator

**SDLC:** Agile/Scrum

**Tools:** Maven, Netbeans, Eclipse, VS Code, IntelliJ, Oracle SQL Developer, ActiveMQ, JasperReports

**Platforms:** Windows, Linux, Unix

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## PROFESSIONAL EXPERIENCE

### NETPOINTS FIDELIDADES S.A, Alphaville, Brazil • 10/2014 – 03/2019

Netpoints Fidelidade SA provides e-commerce financial services.

#### Sr Software Developer

Experienced in the Analysis, Development, Maintenance, and Deployment of Systems

As a Senior Software Developer, I have excelled in various facets of software development:

- Developed and implemented resilient Java applications, emphasizing object-oriented programming principles and design patterns to ensure code efficiency and scalability.
- Collaborated effectively with cross-functional teams to analyze user requirements and design software solutions, resulting in highly functional and user-friendly applications that meet client needs.
- Automated and maintained a critical system for management and financial reports using Java and Spring Data JPA. This initiative optimized report generation, achieving a remarkable 30% reduction in response time and a 25% decrease in conflicts between the company's financial reports and those of the client.
- Expertly engineered web services APIs using Java and Spring, with a strong focus on REST, SOAP, and Microservices architectures. These APIs played a pivotal role in seamlessly integrating systems, ensuring real-time data synchronization for enhanced operational efficiency.
- Actively participated in code reviews, providing valuable feedback to team members to maintain high coding standards and best practices.

- Additionally, I played a crucial role in mentoring new team members and conducting regular knowledge-sharing sessions during daily meetings, which significantly improved overall team integration.

My dedication to software excellence and collaboration has contributed to the success and continuous improvement of the projects I've been involved in

**Technologies Used:** *Java Spring(MVC, Data, Security)JSM-ActiveMQ Hibernate/JPA, Java server pages(JSP), Thymeleaf HTML5, CSS and JavaScript*

### **ACCENTURE SAO PAULO BRAZIL, Alphaville, Brazil • 08/2013 – 10/2014**

Global management consulting, technology services, and outsourcing company.

#### **Java Software Developer**

As a Java Software Developer, I played a pivotal role in integrating and maintaining a robust real estate system for a leading bank. My responsibilities included:

- Proficiently composed functional requirements documents using Microsoft Word to meticulously capture and document client requirements.
- Skillfully designed relational database diagrams using MySQL Workbench to illustrate the database structure and relationships between various database entities, ensuring data integrity and efficient data management.
- Utilized Balsamiq to craft intuitive mockup templates that precisely aligned with client expectations, ensuring an intuitive and user-friendly interface.
- Developed and implemented stored procedures and functions using SQL, enhancing database performance and enabling seamless interaction between applications and the database server.
- Leveraged J2EE and Struts Framework to introduce new functionality and seamlessly integrate the real estate credit system with the bank's existing infrastructure, improving efficiency and service delivery.
- Engineered a robust report service utilizing the JasperReports Library to facilitate the generation and export of comprehensive management reports, providing critical insights for decision-makers.

**Technologies Used:** *Java, Spring MVC, Spring DATA, Framework struct, Java Server Page, Oracle Database, and JasperReport*

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## **ACADEMIC PROJECTS**

**Maharishi International University (2023) Alumni Management Portal:** Web-based application designed to efficiently organize and manage the interactions and data of a university or educational institution's alumni network. The primary goal of this project is to create a user-friendly platform that fosters stronger connections between alumni, facilitates networking opportunities, and enables seamless communication between alumni and the institution. Utilized Java, Spring (Boot, Data, Security), RESTful, React, Bootstrap, and MySQL Database.

**Maharishi International University (2023) Personal Hobby Program:** Developed a full-stack project called PHP is a Personal Hobby Project Musical Instruments. The requirements are to create a database-driven application that has a document and an array of sub-documents (using one collection), perform CRUD operations for primary documents and sub-documents using the proper URL paths and methods,

and for Update create two endpoints and service for full-update and partial-update. using MEAN Stack (MongoDB, Express, Angular, and Node)

**Maharishi International University (2023) Library System Design Workshop:** The requirements are to design and implement a solution to the Library Problem. Creating a class diagram with relationships associated, creating sequence diagrams to model several use cases, and designing a usable user interface to support the required functionality of the system. Designs in Java, using JavaFX for the user interface. Utilized Java, JavaFX, Swing and StarUML

## **EDUCATION**

### **Masters in Science in Computer Science in Computer Science**

*(In progress via distance education; expected completion 08/2025)*

Maharishi International University, Fairfield, Iowa

*Key Courses: Web Application Programming, Modern Web Application, Enterprise Architecture, and Web Application Architecture*

### **Bachelor of Science in Information Systems**

Institute Methodist Granbery, Juiz de Fora, MG, Brazil (2013)