

Ricardo Ferreira

Sr Software Engineer

Multi-talented Software Engineer, used to write high-quality, clean and robust code. Excellent design, development and deployment management skills, collaborating to fellow developers, quality assurance team members and engineers to produce and deploy flawless applications. Highly effective at developing new applications and fixing problems with existing systems. Proficient in Java, Spring Boot, Jenkins, CI/CD, Agile/Scrum, SQL and NOSQL databases such as MySQL, PostgreSQL and MongoDB. Skilled and seasoned with latest technologies such as Docker, Git, Jenkins, SonarQube, Zabbix, Grafana, Elastic and scripting languages such as JavaScript and Bash to help automate continuous integration and deployment. Oracle Cloud Certified Architect.

Contact

Address
Imperatriz, 65911652 Brasil

Phone
71993005555

E-mail
ricardo@ferreiras.dev.br

WWW
<https://bold.pro/my/ricardo-ferreira-230823142454/782>

WWW
<https://ferreiras.dev.br>

Skills

Software applications	■■■■■ Advanced
Database programming	■■■■■ Upper intermediate

Work History

2007-11 - Current	Sr Software Engineer <i>Sotech Digital Payments, Salvador</i> <ul style="list-style-type: none">• Demonstrated experience and good hands-on programming experience using Java, SpringBoot, NoSQL and SQL databases for backend applications and JavaScript, ReactJS for frontend payment applications.• Participated in architecture, design and implementation of back-end features using Java, Spring MVC and MySQL.• Developed robust, scalable, modular and API-centric infrastructures.• Design, deployment and management of migration of all payment applications based on Virtual Machines and Barebones hosts to ecosystem100% based on Docker and Docker Swarm.• Design and deployment of DevOps infrastructure focused on applications, integrating Git, Jenkins, Sonarqube, Selenium, Prometheus, Grafana, Elastic, and Zabbix.• Deep knowledge of all security aspects
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Virtualization technologies	<div><div></div><div></div><div></div><div></div><div></div></div>
	Upper intermediate
Solutions deployment	<div><div></div><div></div><div></div><div></div><div></div></div>
	Advanced
Testing and maintenance	<div><div></div><div></div><div></div><div></div><div></div></div>
	Upper intermediate
Proficient in Java	<div><div></div><div></div><div></div><div></div><div></div></div>
	Advanced
Virtualization	<div><div></div><div></div><div></div><div></div><div></div></div>
	Advanced
Build releases	<div><div></div><div></div><div></div><div></div><div></div></div>
	Advanced
Software Development	<div><div></div><div></div><div></div><div></div><div></div></div>
	Advanced
Development Lifecycles	<div><div></div><div></div><div></div><div></div><div></div></div>
	Advanced
Programming Languages	<div><div></div><div></div><div></div><div></div><div></div></div>
	Upper intermediate
Scalable software deployments	<div><div></div><div></div><div></div><div></div><div></div></div>
	Advanced

2005-06 -
2008-10

Sr Software Engineer

Vipway Telecom, Santos-SP

- Started developing back-end VoIP applications using 'Kamailio', formerly 'OpenSER', framework and MySQL to provide signalling, registration and media integration to provide value-added internet services to more than 100.000 customers.
- Integrated authentication and authorization backend VoIP services with RADIUS/SYSLOG /PPPoE platforms,in order to provide customer with SSO services. Implemented basis for suite of monitoring and observability applications to better manage distributed network-services infrastructure.
- Checked client code for bugs and weaknesses using approved troubleshooting methods
- Updated job knowledge by studying state-of-the-art development tools and programming techniques and participating in educational opportunities

Languages

Java	<div><div></div><div></div><div></div><div></div><div></div></div>
	Advanced
Spring Boot	<div><div></div><div></div><div></div><div></div><div></div></div>
	Advanced
Javascript	<div><div></div><div></div><div></div><div></div><div></div></div>
	Upper intermediate
Bash	<div><div></div><div></div><div></div><div></div><div></div></div>
	Upper intermediate
HTML	<div><div></div><div></div><div></div><div></div><div></div></div>
	Upper intermediate

2022-03 -
2023-03

PGDip in Full Stack Web Development: Web Development

Faculdade Unyleya - Brasília-DF

Present methodologies, tools and technologies for configuration and change management (DevOps), infrastructure, development of APIs and web services, as well as the latest technologies for front-end and back-end development;

2010-03 -
2011-07

PGDip in Software Engineering: Software Engineering

Faculdade Unyleya - Brasília - DF

Enable the understanding and applicability of

CSS



Upper
intermediate

PHP



Advanced

technologies in solving the problems of organizations.

Promote professional updating of technical personnel working in the area, so that their management conditions in information technology - Software Engineering can be improved.

1995-02 -
1996-07

PGDip in Computer Science: Computer Science And Programming

Universidade Mackenzie - São Paulo - Capital

1990-01 -
1995-01

Bachelor of Science: Eletrical Engineering

Universidade São Judas - São Paulo - SP

Accomplishments

- Oracle Cloud Certified Architect, 2023
- Oracle Cloud Certified Foundations Associate, 2023
- Designed and created successful software and applications for high-traffic credit-card digital payments, as shown in <https://www.sotech.com.br>.
- Key contributor and sponsor in adoption by the team of design patterns guidelines along the software development process such as MVC, SOLID and TDD.
- AWS Cloud Essentials, 2022
- MongoDB, NoSQL e Mongoose - 2021
- UML and Object Oriented Design Foundations - 2020
- Responsive HTML5, CSS3 e BEM - 2020
- Data Structures and Algorithms - 2019
- Master CSS, Grid and Flexbox - 2019
- Jenkins CI/CD - 2018
- Docker Project-Based Approach - 2017
- Kubernetes for Beginners - 2017
- PHP-7 WEB Developers Review - 2017
- PHP Object Oriented Best Practices - 2017
- JavaScript - 2016
- Git and GitHub - 2016

- Spring Boot - 2016
- Spring MVC - 2014
- IPv6 Basics - 2011
- Java Advanced - 2011
- Java and OOPS Paradigm - 2010
- FreeBSD Security Expert Engineer, - SEE - 2010
- FreeBSD Systems Administrator - SAA - 2010
- PostgreSQL - 2009
- Advanced PostgreSQL - 2009
- OpenSER - Switch SIP - 2009
- FreeBSD Systems Administration - 2006
- Project Management - USP - 2000
- Cisco Voice - CVOICE, San Francisco, USA - 2000
- Supporting Microsoft Cluster Server - San Diego, USA - 1997
- Wide Area Network Integration - San Antonio, USA - 1996
- Shiva Remote Access Services - Boston, USA - 1995
- Shiva Professional Services - Boston, USA - 1995
- Unix QNX - 1990
- Small Computer System Interface - Minneapolis, USA - 1990

Certifications

2023-01	https://www.freecodecamp.org/certification/fccafad993d-1fad-465d-a551-3837fe575f0d/javascript-algorithms-and-data-structures
20222	https://www.freecodecamp.org/certification/fccafad993d-1fad-465d-a551-3837fe575f0d/responsive-web-design
1999-07	Microsoft Systems Engineer Certification
2000-06	Cisco Certified Network Professional
2001-07	Cisco Certified Design Professional
2023-08	Oracle Cloud Certified Architect

