

RICARDO ERIKSON

Senior Software Engineer

📍 Teresina, PI, Brazil

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WHO AM I?

I have 15 years of experience working as a software engineer. I've had the opportunity to collaborate with key players of the software industry by building software for the web, mobile devices, distributed systems, and cloud environments. I'm looking for positions to evolve my career and skills with the following stack: Golang, Python, JavaScript, TypeScript, Angular, React, AWS, and Docker.

TOP TECHNICAL SKILLS

Languages Golang, Python, JavaScript, TypeScript
Cloud (AWS) Cognito, EC2, ECR, CodeArtifact, CodeBuild, CodeDeploy, CodePipeline, RDS
Databases MSSQL, MySQL, MariaDB, Postgres
Frontend React, Angular
CSS Bootstrap, Tailwind
Other Docker, Git

EXPERIENCE

2/2021 – present
Remote
Part-time

Front-end Engineer | DevOps Engineer

Furukawa Electric LatAm

Working as a front-end engineer using Angular and building CI/CD pipelines. Key achievements:

- Built the authentication workflow using AWS Cognito.
- Built the deployment pipeline using AWS cloud environment.

Angular / AWS / Linux

11/2020 – present
Remote

Tech Lead | Golang Engineer

BairesDev Inc.

Working with Abbott's US cloud solutions team (BairesDev's client). Key achievements:

- Reduced the overall system overload by splitting long-running operations into batches of smaller ones.
- Improved the API security by identifying and fixing brute force attack vulnerabilities.

Golang / Docker / EC2 / Python

8/2016 – 10/2020

Sabbatical | Ph.D. Research | Trading Career

I took a professional sabbatical to improve my academic qualifications and apply my programming knowledge to other areas. Key achievements:

- Developed a 4-year Ph.D. research in the area of recommender systems where I had the opportunity to use Python (Pandas, NumPy, SciPy, and scikit-learn) to perform extensive data analysis and data visualization to build recommendation models.
- Started a career in the financial market as a sole trader exploring algorithmic trading and building data analysis tools with Python.

Python / Flask / Pandas / NumPy / Docker / Angular

6/2015 – 7/2016
Manaus, AM, Brazil

Senior Software Engineer

IATECAM

Worked as a senior software engineer, full-stack web developer in web projects using Java, and PHP. Key achievements:

- Participated in key projects that helped the company to achieve the Level G of the MPS.BR, a QA certification program created by SOFTEX.
- Helped to define source code comment styling and a branching model to track project features from requirements to source code using Git.

Java / PHP / JavaScript / Angular

3/2008 – 5/2015 Manaus, AM, Brazil Part-time	Research Assistant Worked as a research assistant of the Special Interest Group on Software Engineering, Embedded Systems and Automation (SEESA) at the Digital Television Laboratory.	Digital Television Laboratory - UFAM
11/2013 – 3/2015 Manaus, AM, Brazil	Lead Software Engineer Worked as a technical lead in software projects for mobile and web platforms. I was responsible for making technical decisions with Java, JavaScript, HTML, CSS, and PHP. Key achievements: <ul style="list-style-type: none"> • Built the configuration management process, and the infrastructure for the CI/CD pipelines in development and testing environments. Java / PHP / JavaScript / Android	CETELI – Samsung R&D Center
4/2010 – 8/2012 Manaus, AM, Brazil	Tech Lead Worked as a tech lead in software projects for mobile devices. Key achievements: <ul style="list-style-type: none"> • Coordinated and developed 30 mobile apps for Nokia devices that were published in the Nokia Ovi Store. Qt / QML / JavaScript / HTML / CSS	CETELI – Nokia Institute of Technology
8/2007 – 2/2008 Teresina, PI, Brazil	Freelance Web Developer Worked as a web developer using technologies such as PHP, HTML, CSS, and JavaScript. PHP / JavaScript / HTML / CSS	Mundi Tecnologia

EDUCATION

02/2021 Belo Horizonte, MG, Brazil	Ph.D Degree Electrical Engineering Research area: Recommender Systems	Federal University of Minas Gerais
08/2010 Manaus, AM, Brazil	Master's Degree Electrical Engineering Research area: Software Components and Design Patterns	Federal University of Amazonas
12/2006 Teresina, PI, Brazil	Technologist Degree Systems Analysis and Development Research area: Digital Television	Federal Institute of Technology of Piauí

LANGUAGES

Portuguese	native
English	fluent
German	elementary