

RICARDO ERIKSON

Senior Software Engineer

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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 ReactJS, 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 the 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** Digital Television Laboratory - UFAM
Worked as a research assistant of the Special Interest Group on Software Engineering, Embedded Systems and Automation (SEESA) at the Digital Television Laboratory.

11/2013-3/2015
Manaus, AM, Brazil

Lead Software Engineer

CETELI – Samsung R&D Center

Worked as a technical lead in software projects for mobile and web platforms. Responsible for technical decisions with Java, JavaScript, HTML, CSS, and PHP. Key achievements:

- Built the configuration management process, and the infrastructure for the CI/CD pipelines in development and testing environments.

Java / PHP / JavaScript / Android

4/2010 – 8/2012
Manaus, AM, Brazil

Tech Lead

CETELI – Nokia Institute of Technology

Worked as a tech lead in software projects for mobile devices. Key achievements:

- Coordinated and developed 30 mobile apps for Nokia devices that were published in the Nokia Ovi Store.

Qt / QML / JavaScript / HTML / CSS

8/2007 – 2/2008
Teresina, PI, Brazil

Freelance Web Developer

Mundi Tecnologia

Worked as a web developer using technologies such as PHP, HTML, CSS, and JavaScript.

PHP / JavaScript / HTML / CSS

EDUCATION

02/2021
Belo Horizonte,
MG, Brazil

Ph.D Degree in Electrical Engineering

Federal University of Minas Gerais

Research Area: Recommender Systems

08/2010
Manaus, AM, Brazil

Master's Degree in Electrical Engineering

Federal University of Amazonas

Research Area: Software Components and Design Patterns

12/2006
Teresina, PI, Brazil

Technologist Degree in Systems Analysis and Development

Federal Institute of Technology of Piauí

Research Area: Digital Television

LANGUAGES

Portuguese native
English fluent
German elementary