






# ERICK RAFAEL

COMPUTER ENGINEER, SYSTEMS DEVELOPER, DEVOPS,  
INFRASTRUCTURE ANALYST, DBA (PERFORMANCE)

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## PROFILE

Computer Engineer with over 20 years of experience in the technology sector. Background includes work in analysis, development, integrations, infrastructure, deployment, and systems consulting. Proven track record in optimizing performance and security in software solutions. Focused on delivering classic, stable, and reliable solutions, emphasizing project robustness and resilience.

## QUALITIES

- ✓ Persistence;
- ✓ Good Judgment;
- ✓ Analytical Thinking;
- ✓ Depth;
- ✓ Studios;

## LANGUAGES

- Português - Nativo
- Inglês - Intermediário

## PERSONALITY

- Conservative;
- Recognition-Oriented;
- Family-Oriented;
- Apolitical;
- Reciprocal;

## SPECIALTIES

- C#
- Databases
- Javascript
- DevOps Infrastructure
- C/C++
- Systems Architecture

## EXPERIENCE

### Signa Consultoria e Sistemas

Senior Full-Stack Developer • Jan 2019 – Present

- Responsible for the full development cycle, maintenance, and enhancement of solutions for transportation companies, including interface modernization and API creation/consumption.
- Active contributor in database performance and security optimization, along with continuous code quality improvements.
- Provided infrastructure support and collaborated on system module deployments using DevOps practices.
- Key Technologies: C#, SQL Server, Vue.js, JavaScript, CSS, HTML
- Tools: Visual Studio Code (Gemini AI Assistant), Visual Studio 2022, SSMS, Fiddler, Fretviewer, Postman, DotPeek, SonarQube, GIT, Docker, IIS.

### Gestamp

PLC Programmer • Feb 2017 – Jun 2018

- PLC programming, conducting tests, replacing and calibrating sensors and actuators, and maintaining electrical control panels.
- Direct maintenance of industrial production booths (welding robots, milling machines, lathes...) in the automotive sector.
- Experience in automation and fault diagnostics in medium-complexity industrial environments.



## SKILLS

- Assembly
- MySQL
- DevOps
- VueJS
- ReactJS
- ASP/PHP
- HTML/CSS
- REST/SOAP
- ERP/SAP
- Networks/Internet
- Windows
- Android
- Linux
- AI
- Virtualization
- MCUs
- Biometrics
- Streams
- Electronics
- Digital Signals

## TOOLS

- Visual Studio
- SSMS (SQL)
- GIT
- NPM
- GCC
- NASM
- Embarcadero
- Notepad++
- Embarcadero
- OllyDbg
- Docker
- Shell
- Wireshark
- Nagios
- Nmap
- Android SDK
- VBox/VMWare/Hyper-V
- MSYS2/MingW

## KEY CONCEPTS

Performance and Security Optimization, Software Quality Assurance, Analytical Troubleshooting, Infrastructure Consulting, and System Integration.

## Formalizar Signature

Systems Analyst • Jul 2012 – Jun 2015

- Worked as analyst/developer on GED systems and biometric authentication solutions.
- Improved legacy code readability, performance, and enhanced the analysis, development, and project delivery processes.
- Key Technologies: C# (with DevExpress UI Framework), SQL Server, Java 7, C++, HTML, JavaScript, CSS
- Integrated with specific hardware (card readers and biometric sensors) via APIs in C/C++.
- Also performed DevOps Infrastructure Analyst tasks, including deployments, server configuration, domain administration, VPN, and Active Directory.

## Savcor Forest

Software Developer • Feb 2010 – Jun 2012

- Developed applications for the forestry sector focused on C# .NET and SQL Server/Oracle databases.
- Maintained legacy systems and optimized SQL queries, resulting in lighter, more readable, and secure queries.
- Collaborated to improve code quality in critical processing areas.
- Tools: Visual Studio, PL/SQL, SQL SSMS

## DLSB Consultoria & Automação

Engineering Intern • Apr 2008 – Sep 2009

- Worked on embedded systems and automation.
- Programmed Atmel microcontrollers in C/Assembly, performed firmware testing, and maintained control devices.

## Freelance Programmer

PHP Programmer • Jan 2001 – Dec 2004

- Developed custom web applications for small businesses using PHP, HTML, and MySQL.
- Configured and monitored hosting environments based on Apache/PHP/LAMP, ensuring functionality and uptime.
- Provided support and quality optimization, resulting in improved performance and security for delivered solutions.

## EDUCATION

### Bachelor's Degree in Computer Engineering

Univap • 2005–2009 (Completed)

## COURSES

- CompTIA Security+
- SQL Server Performance Optimization and Troubleshooting
- LPIC-1
- Cisco CCNA
- Developing ASP.NET MVC Web Applications
- Developing Microsoft SQL Server 2012 Databases
- Operating Systems: Fundamentals and Design
- Programming in C#
- Embedded System Design
- Programming in HTML5 with JavaScript and CSS3
- Computer Assembly and Maintenance