ROBERTO RIBEIRO

SENIOR FULL-STACK DEVELOPER

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PROFESSIONAL SUMMARY

I am a Senior Full-Stack Developer working across backend and frontend to design, build and scale enterprise SaaS platforms, AI-driven automation and camera/video intelligence solutions.

My core stack includes PHP / Laravel, React, TypeScript, JavaScript and MySQL, with strong experience in RESTful APIs, systems integration, database architecture and workflow automation — always with a focus on performance, security, scalability and clean engineering practices.

I currently contribute to the product development of EarthCam's Control Center 9 (CC9) — a global SaaS platform for camera management, live streaming, time-lapse and job-site intelligence used by enterprise and government organizations worldwide.

I work across the full Software Development Life Cycle (SDLC) — from requirements and architecture through development, testing, deployment and continuous improvement. My daily tools include Jira, GitLab, GitHub and Confluence, collaborating in Agile teams and contributing to code quality, technical documentation and release governance.

My earlier career includes leadership roles such as CIO, PMO Lead and IT Project Manager, which gives me a strong business and product mindset in addition to hands-on development expertise. This unique blend helps me create technology that is not only technically strong — but aligned with real-world business needs.

I am passionate about AI-powered automation, workflow intelligence, SaaS product engineering and the intersection between technology and business value.
Open to global collaboration, remote/hybrid roles and technical leadership/consulting opportunities.

Key Areas of Expertise
CIO · PMO Lead · IT Project Manager · Full-Stack Development · Backend Engineering · RESTful APIs · SaaS Platforms · AI/Automation · SDLC · Agile · Jira · GitLab · Confluence · Laravel · React · TypeScript · MySQL · Mobile Apps · ERP/CRM Integrations · System Architecture · Business-Driven Technology Delivery.
Bilingual/Trilingual (English, Portuguese, Spanish). Open to global remote/hybrid collaboration and senior engineering, Team Lead or consulting roles.

PROFESSIONAL EXPERIENCE

Senior Full-Stack Developer at EarthCam

Oct 2025 - Present | New Jersey, USA

EarthCam is the global leader in webcam technology, live streaming content and managed camera services for enterprise and government clients worldwide.

I am part of the product development team, EarthCam's enterprise-grade SaaS platform for camera management, real-time video monitoring, time-lapse automation and job-site intelligence.

I work across both backend and frontend layers, contributing throughout the full SDLC to design and deliver secure, scalable and high-performance platform features.

Key Responsibilities

• Full-stack product development across backend (Laravel/PHP/APIs) and frontend (React/TypeScript/JavaScript)

• Design and maintenance of RESTful APIs and data workflows

• MySQL database modeling, optimization and performance tuning

• Contribution to companion mobile applications for iOS & Android

• Implementation of automation and AI-assisted process flows

• Agile delivery using Jira, GitLab and Confluence

• Participation in code reviews, QA cycles, deployments and release governance

• Collaboration with cross-functional engineering and product teams

Impact & Outcomes

• Supporting a mission-critical SaaS platform used globally across multi-billion-dollar programs

• Improving platform reliability, scalability and performance

• Delivering features that enhance remote monitoring, compliance documentation and operational intelligence

This role allows me to combine hands-on backend and frontend engineering with SaaS architecture, API integrations, automation and enterprise-grade SDLC practices.

Full-Stack Developer Mobile/Web Applications | AI & Automation Specialist | Expertise in Agile & Waterfall at
Webworks360 LLC

June 2019 - Present | New Jersey, United States

At Webworks360, I spearhead IT project delivery with a focus on Agile methodologies, fostering a culture of continuous improvement and operational excellence. My leadership has been instrumental in the successful implementation of large-scale projects, leveraging my expertise to drive strategic initiatives that align with our organization's goals. With a background in IT consulting, I have honed my skills in handling conflicts, changes, and fostering a collaborative environment that empowers teams to deliver innovative solutions.

My role as Project Manager and Team Leader emphasizes strategic planning and customer-centric project execution. I am adept at bridging technical capabilities with commercial insights to meet the evolving needs of our diverse clientele. The success of our projects is a testament to our commitment to utilizing cutting-edge technologies and process automation, including AI and CRM integrations, to enhance efficiency and customer satisfaction. Through effective communication, I ensure all stakeholders are aligned, informed, and engaged throughout the project lifecycle.

I'm a passionate and innovative developer transitioning from a successful career in IT project management to creating robust web and mobile applications. With strong expertise in Flutterflow, Flutter, React, PHP, Laravel, HTML, CSS, and JavaScript, I build scalable solutions that meet modern business needs. I also excel in mobile app development for both iOS and Android, and I leverage cutting-edge Nocode/Lowcode tools to streamline workflows. My background includes automating processes with AI-driven platforms like n8n, developing intelligent agents (using tools such as crewai and dify), and managing diverse databases including Supabase, Firebase, Oracle, and MySQL. This blend of technical proficiency and project management experience allows me to drive projects from concept to delivery, ensuring innovative and efficient results.

Full-Stack Developer | AI & Automation Specialist | Mobile & Web Applications at V.Pereira Central Heat and Cooling LLC

Jan 2021 - Sep 2025 | New Jersey, United States

Responsibilities:

Web Development: Create and maintain robust web applications using React, PHP, Laravel, HTML, CSS, and JavaScript, ensuring optimal performance and scalability.

Mobile Development: Design and optimize applications for iOS and Android, integrating best practices in design and user experience.

Nocode/Lowcode Solutions: Implement tools that accelerate solution delivery, reducing development time and improving process efficiency.

AI Automation: Automate workflows and internal processes using AI tools such as n8n, enhancing productivity and system integration.

AI Agents Development: Develop and manage AI agents using innovative platforms (e.g., crewai, dify), expanding user interaction and support capabilities.

Database Management: Administer and optimize various database systems (Supabase, Firebase, Oracle, MySQL), ensuring data integrity and availability.

Collaboration & Agile Methodologies: Work collaboratively with multidisciplinary teams and apply agile methodologies to align technological solutions with strategic business needs.

Project Integration: Leverage project management expertise to plan, coordinate, and deliver innovative and efficient technological solutions.

Full-Stack Developer | AI & Automation Specialist | Mobile & Web Applications at V.Pereira Central Heat and Cooling LLC

Jan 2021 - Sep 2025 | New Jersey, United States

Responsibilities:

IT Manager - PMO - Project Manager - Team Leader - IT Consultant at IT Partner Service

Feb 2017 - Dec 2023 | New Jersey

IT PARTNER SERVICE® was formed by a group of professionals with over 20 years experience in management consulting, implementation of ERP, CRM, BI, BSC, Process Mapping, Audit, software development and strategic planning.

Business Purpose:

Work in consulting projects in Business Management, Audit Processes and Information Systems, Planning and Implementation of Information Technology (Computer Hardware, Software, Internet, Data Processing, Duplicating, Photocopies, Graphics, Consulting And Training, Web Designer, Hosting, Project Manager) and PMO (Office of project management) for private and government companies, searching for the perfect understanding of the business and customer priorities.

Provider technical IT services, developing and integrating solutions tailored to the market, applying the most modern technologies, according to the need and the investment capacity of each client.

Conduct projects and outsourcing contracts, to be the provider for implementation of methodologies and good management practices to provide customers with the use of the best and most current tools of information technology.

Team Leader - Scrum Master - Project Manager at IT Partner Service

Jun 2011 - Dec 2017 | Recife Area, Brazil

IT PARTNER SERVICE® was formed by a group of professionals with over 20 years experience in Information Technology (IT).

Main responsibilities: to enables our customers to achieve their most challenging business and organizational goals while leveraging value from their current and future investment in the Information Technology (IT). Assigned to systematically plans, orchestrates, and contributes to the development and execution of the customers' strategic technology initiatives. This provides alignment to our customers' broader business goals and promotes innovative solutions. Working with customers in transforming their Business by embracing a Cloud, Mobile, Social and Big Data approach, leveraging the value for the business and defining a plan to achieve The Total Economic Impact using IT solutions.

Team Leader to enables large projects, hands on in analysis and development of the whole area of technology and the company's products. Using Ruby on Rails, PHP, Python, HTML, CSS, JavaScript, JQuery, Node.JS, Angular.JS, Bootstrap, Foundation, PostgreSQL, MySQL, and mobile development with Android and IOS.

Provide technical IT services, developing and integrating solutions tailored to the market, applying the most modern technologies, according to the need and the investment capacity of each client.

I've been conducted many projects and outsourcing contracts in the areas of eCommerce, Social Media, Digital Marketing (CRM) and eLearning.

Ruby on Rails projects: (MeuServico: web tool for interaction between the employer and the domestic worker, SAC: web tool for complete control of customer service; PEC: web tool for generating budget for bids; INVENT: Web Tools / mobile for performing asset inventory); Projects with Python: (Implementation, customization and development in OpenERP ERP); Projects with PHP: (Tool website with product catalog, web tools for integration with the gateway MercadoPago).

Teacher of Auditing Information Systems at Unibratec

Apr 2014 - Aug 2015 | Brazil

Summary: Systems Audit Notions. System Security. Risk Analysis in Information Systems. Contingency Plan. Systems of Valuation Techniques. Vulnerabilities: viruses, fraud, encryption, unauthorized access.

Planning and Operations Manager at Flor Arte Ltda

Sep 2010 - Jun 2011 | Brazil

Reporting to CEO, responsible for organizational strategic planning for the implementation of the model to assess business performance and strategic management methodology.

• Responsible for planning, organizing and directing the activities of different areas, pricing policies, budget, resource management, structuring, rationalization, and adequacy of services in view of the organization's goals.

Played the following functions:

- Establish guidelines and values of corporate governance;

- Structuring the corporate strategic planning and corporate governance;

- To promote alignment and convergence between the business teams, logistics and IT.

CIO - Chief Information Officer at ASA - Indústria e Comercio

Apr 2009 - Aug 2010 | Recife, Brazil

Reporting to CEO, responsible for:

• Strategic planning at IT - Information Technology, linking the area of IT with business lines, partners and customers;

• To develop strategies and contingency procedures, to aim at the levels of data security, access, audits and the continuity of services in information systems;

• To ensure the availability and operationalization of ERP for the entire corporate group;

• To prepare the annual budget in the area of information technology and corporate communications for three factories;

• Enterprise project management infrastructure and systems;

• Operations planning with a focus on improving efficiency;

• Managing IT Architecture within the best practices, establishing rules and standards of IT architecture in order to enable the optimization of infrastructure and proper cycle management of systems;

• Analysis of the needs, requirements and business processes, to recommend guidelines to be followed in the solution of IT architecture projects.

PMP - Project Technology Manager at Datasul

Jan 2006 - Mar 2009 | Brazil

Reporting to CEO, responsible for:

• To analyze, define the scope, plan and perform the complete management of the project, managing the physical and financial targets, following the methodology designed with quality standards to meet the goals and needs of customers, ensuring the best allocation of resources;

• To be the responsible for the survey on business processes, prepare and conduct presentations of DATASUL solution (Finance, Controlling, Logistics, Manufacturing, Human Resources, CRM, BI, etc..), To meet the demands and needs identified by customers;

• To evaluate the needs to develop specific applications for costumers through customization, aiming the peculiarities and characteristics;

• To Assist the preparation and evaluation of commercial proposals and provide technical clarifications and economic viability of the project;

• To support the needs assessment of team training, through personal contact with the goal to ensure the effective implementation of the project;

• Ensure visibility and communication design at all levels of the Organizational Structure of the customer, aiming to clarify the target audience at all levels;

• Generate information reports to company management and client in relation to the implementation of the project;

• Presently working as technology manager and solutions architect.

Consulting Director at SysDesign Consultoria

Jan 2005 - Dec 2005 | Brazil

Reporting to CEO, responsible for:

• Executive responsible for the areas of Consulting, Planning, Projects and Commercial;

• To act as Sysdesign Project and Contracts Manager, act as consultant work for federal public entities, state and municipal governments and private companies, advising investment decisions in Information Technology;

• To consult projects for strategic planning of information to update the development environment and system architecture definition and development of technological systems on platforms and client / server web, using methodologies of international standard;

Responsible for defining marketing strategies, contracts corporative, marketing actions, customer relations and business alliances with partners and suppliers to the states of Alagoas, Pernambuco, Paraiba and Rio Grande do Norte.

Sales Manager at Capgemini

Mar 2004 - Dec 2004 | Salvador, Brazil

Reporting to CEO, responsible for:

• Responsible for project management actions and partnerships, planning of marketing activities, develop business proposals to attend public and private markets: at federal, state and municipal levels;

• Consulting projects for strategic information planning to update the development environment and system architecture definition and development of technological systems on platforms and client / server web, using the systems development methodology based on critical analysis and guidance to object in UML and Rational Rose Case tool for the Windows environment;

• Technical monitoring of development projects, deployment and maintenance of management information systems in a distributed environment, client / server and web platform, Windows NT / Windows 2000 Server / Windows 9x, using development methodology based on systems analysis and essential tool Case Designer2000 Oracle on Windows. Implantation of Delphi 5.0/6. 0 language programming, Visual Basic and ASP and relational database SQL Server and Oracle in a distributed environment and replication of tables;

• Implementation of technology components, three-tier architecture, client / server environment and web, Windows platform, language programming, Visual Basic, Visual Interdev, ASP, Java, C, and relational database distributed with SQL Server tables and automatic replication Microsoft COM + Manager set in the Windows Server operating system to manage components;

• Participation on project definition, customization, deployment and updating of the System Development Methodology (ADM), based on concepts of Essential Analysis, involving the definition of the methods, techniques, standards, tools and case management software and project tracking.

Project and Contracts Manager at SysDesign Consultoria

Jan 2001 - Feb 2004 | Brazil

Reporting to CEO, responsible for:

• Project Manager and Contract for North East Sysdesign, acting as a consultant to work in public bodies of the federal administration, state and municipal governments and private companies, advising investment decisions in Information Technology;

• Manager responsible for designing, specification and development of projects and solutions for information technology. Analysis and implementation of projects for web sites in several market segments;

• Coordination of the entire team of a major client in Brazil's ERP solution from Oracle, from February 2001 until September 2002. The solution implemented Oracle ERP Site Politeno, an industry located in the Petrochemical Camaçari, Bahia, is one of the most comprehensive deployments of the solution in Brazil. A team of professionals micro computer, helpdesk, web design, web developers, consultants, ERP, systems analysts, support analyst, AD and DBA.

Project Manager at DND (BDD) Business Development Digital

Jun 2000 - Jan 2001 | Salvador, Brazil

Reporting to CEO, responsible for:

• Project Manager gathering the functions of Data Administrator and DBA DND - Digital Business Development, in the work toward the development and deployment of content site www.jacotei.com.br;

• Management of internal and external development teams (third party) in Perl, C, C + +, CGI, ASP, PHP, PL / SQL, Delphi, VB;

• DBA responsible for maintaining the database, Oracle 8i, installed in two locations, development and production;

• Data Manager and senior systems analyst, participating actively in defining the data models of applications.

Information Technology Manager (CIO) at S.A. Hospital Aliança

Jul 1990 - Jun 2000 | Brazil

Reporting to CEO, responsible for:

• Management for 10 years of 24 professionals team, divided into three sectors: analysis and development, support and operation and organization of information (O & M);

• Coordination, analysis and development of three generations of the system of hospital administration. Initially developed in COBOL and IBASIC in its first version was completely re developed in CLIPPER and subsequently analyzed, using refurbished analysis methodology essential for the Oracle database 8i/9i, and using language as the main front-end Delphi, and some modules developed in HTML, DHTML, Vbscript, Javascript, ASP and PHP;

• Leadership and project management teams in the area of Information Technology, participated in projects of strategic planning for information, review processes, corporate data modeling and process and project definition and development of Information Architecture, Systems Architecture and Architecture technology in client / server environment and web management plans for information technology, using strategic planning methodology for information, technical architecture methodology, methodology for review of processes, systems development methodology and project management methodology;

Authorship of modules and manuals for computer training of employees of the Hospital Alliance, taking an average of 300 employees internally trained.

EDUCATION

ISEG - Lisbon School of Economics & Management
Graduate Diploma in Information Systems and Technologies for Organizations
2015 - 2016

Universidade Estácio de Sá
Graduate Diploma in Management of Information Technology
2009 - 2010

Universidade de Brasília
Bachelor's degree in Business, Management, Information Technology and Project Management
2005 - 2008

TECHNICAL SKILLS

Frontend & Mobile
- Senior Full-Stack Developer
- Frontend Development
- React.js
- TypeScript
- JavaScript
- HTML
- CSS
- Bootstrap
- Mobile Application Development
- iOS Development
- FlutterFlow

Backend & Database
- PHP
- Laravel
- Node.js
- API Development
- Database Design
- MySQL
- Firebase
- Supabase

AI & Automation
- Artificial Intelligence (AI)
- AI Agents
- AI Software Development
- n8n
- Dify
- CrewAI
- Evolution API

Cloud & DevOps
- SaaS Development
- Software as a Service (SaaS)
- Test Automation
- GitLab
- Git
- Amazon Web Services (AWS)
- Linux
- Operating Systems

Management & Agile
- Agile Project Management
- Software Project Management
- Agile Methodologies
- Scrum
- Kanban
- Jira
- Confluence
- Team Management
- SDLC (Software Development Life Cycle)
- Business Analysis
- IT Service Management

Enterprise Solutions
- ERP Implementations
- Oracle E-Business Suite
- SAP
- Microsoft Dynamics CRM
- Business Intelligence (BI)
- CRM
- Business Process Design
- ITIL