

Eduardo DONATO

Full Stack Developer | Software Engineer at Dock

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Professional Summary

Electrical Engineer with a postgraduate degree in Planning Engineering and Go Lang Specialist. Experience in full-stack web development, project management, and industrial measurement and control systems. Skills in Node.js, React, Vue.js, Power BI, Golang, and TypeScript. Strong leadership and team management abilities.

Skills: Node.js, Supabase, PostgreSQL, React, Vue.js, Power BI, TypeScript, Project Management, C++, VBA, Go, AWS, Python, DDD, GraphQL, AI Software Engineering

Languages: English: Advanced | Portuguese: Native

Professional Experience

Dock | Software Engineer

November 2021 (Present), Remote

Development of financial backoffice product applications for internal or external end clients, including frontend in React and backend in JavaScript/TypeScript or Python, including the implementation and deployment of new APIs and features, being fully responsible for the code, as well as analyzing situations and proposing efficient solutions.

Eletromarquez | Development Analyst

April 2020 – November 2021, Aracruz, ES

Responsible for automating routine and/or repetitive processes through application and script (bot) development. Development of Excel applications (macro/VBA), relating internal spreadsheets and SAP reports, and end-user applications with Microsoft Power Platform (Power Apps and SharePoint). Responsible for modeling, development, and implementation of an Integrated Business Management System (ERP) using modern web technologies (HTML, CSS, JavaScript [Vue.js and Node.js] and Database [PostgreSQL]). Responsible for development and maintenance of contract management reports using Microsoft Power BI.

Time-Now Engenharia S/A | Planning Analyst

August 2019 – March 2020, Vitória, ES

Supply chain management for EDP's High Voltage Projects and Construction department. Modeling, automation, improvement, and implementation of processes in supply chain management. Responsible for development and maintenance of contract management reports using advanced Power BI tools, including SAP data extraction and processing. Development of macros for SAP interaction. Evaluation and implementation of project management strategy and tools.

Eletromarquez | Operations Coordinator

March 2017 – August 2019, Cariacica, ES

Management of meter reading team (consumption measurement and energy billing) serving EDP ES, performing daily route distribution programming, critical analysis of productivity, effectiveness, and quality of readings and invoices delivered to the contractor's clients, and also promoting and ensuring activities are performed as planned. Management of a team of approximately 100 employees. Responsible for one of the contracts with EDP, leading two reading centers (Cariacica/Viana and Vila Velha), with status reports and contractual, quality, and production performance indicators (KPIs), and management of internal support team for external employees and contract operational procedures. Development and improvement of computational tools for process automation (reports and indices) and optimization of core activities through Excel macro programming (VBA) and Android applications.

Technip | Project Engineer

May 2013 – October 2016, Vitória, ES

Contract management, signed or in proposals, for flexible pipe manufacturing, receiving premises, performing critical analysis, and sending to production planning. Project development monitoring, from raw material acquisition to final product and related document delivery to the client, participating in planning meetings, verifying and resolving eventual problems, proposing and applying preventive and corrective actions. Promoting routine and extraordinary meetings with various departments of one or more group units, highlighting all possible difficulties, changes, needs, and project challenges. Interface with other areas and group units, in Brazil or abroad, aiming to solve project-inherent problems and estimate deadlines and load possibilities for the factory. Priority conflict management between long-term projects, presenting solutions, giving suggestions according to critical planning analysis, with the objective of defining new parameters.

DUCTOR Implantação de Projetos S.A. | Planning Engineer

November 2012 – May 2013, Vitória, ES

Management and supervision of maintenance and improvement works on the Vitória-Minas Railway (EFVM), implemented by Vale S.A. (GAIPG), OPEX management, monitoring services and physical-financial progress, as well as ensuring compliance with specifications, premises, health and safety requirements, and product quality. Responsible for promoting planning meetings and risk analysis meetings (SWOT analysis) with contractors. Also, analysis and validation of schedules, work breakdown structures (WBS), physical-financial progress curves, labor and equipment histograms presented.

MCA Auditoria e Gerenciamento Ltda | Planning Engineer

June 2012 – November 2012, Vitória, ES

Development management of the Espadarte Port Complex project, a Vale S.A. capital project (GAPON), according to the Front-End Loading (FEL) methodology, with preparation, integration, and control of planning documents and methodology tools and techniques. Responsible for integrating information from other contractors responsible for project execution, preparing reports and follow-up meetings.

DUCTOR Implantação de Projetos S.A. | Planning Engineer

August 2011 – June 2012, Vitória, ES

Preparation of the project execution plan (PEP), participating in the development and evaluation of special engineering works projects on the Vitória-Minas Railway (EFVM), implemented by Vale S.A. (GAIPG), according to the Front-End Loading (FEL) methodology. Management and supervision of maintenance and improvement works on the Vitória-Minas Railway (EFVM), implemented by Vale S.A. (GAIPG), OPEX management, monitoring services and physical-financial progress, as well as ensuring compliance with specifications, premises, health and safety requirements, and product quality. Responsible for promoting planning meetings and risk analysis meetings (SWOT analysis) with contractors. Also, analysis and validation of schedules, work breakdown structures (WBS), physical-financial progress curves, labor and equipment histograms presented.

Tozato Measurements | Electrical Engineer

June 2007 – July 2011, Vitória, ES

Development of new instrumentation and control equipment and also improvement of existing ones, creating and executing hardware projects (microelectronics/microprocessing) and software (high-level programming/computer applications), related to steel processes. Participation in equipment implementation projects in industrial plants (steel mills), in national and international companies (Italy, Germany, Romania, etc.), promoting personalized adjustments for each client and monitoring respective commissioning.

Academic Background

- **Postgraduate Lato Sensu (Go Language Specialist):** Full Cycle (2023 – 2024).
- **Postgraduate (Planning Engineering):** Federal University of Espírito Santo – UFES (2007 – 2008).
- **Bachelor's Degree (Electrical Engineering):** Federal University of Viçosa – UFV (2001 – 2006).