

DOUGLAS MODESTO

Senior Software Engineer

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Summary

Over 14 years of experience in software development Successfully delivered complex projects for small, medium-sized and big companies. Expertise in upholding best programming practices Applies principles such as SOLID and Design Patterns for robust and scalable solutions Skill set includes proficiency in C#, .NET framework, SQL Server, RESTful APIs, and cloud technologies like AWS Adept at collaborating with diverse teams and effective communication with stakeholders at all levels Strong problem-solving abilities Adaptability to new technologies Consistently delivers high-quality results

Skills

C#(14 years), .Net Core(6 years), .Net 6+(2 years), Python(2 years), JavaScript(8 years), Html 5/CSS(8 years), Angular(8 years), Typescript(8 years), Git flow(5 years), Git(5 years), Design Patterns (9 years), SOLID Principles (9 years), SQL Server(14 years), MongoDB(8 years), CI/CD(5 years), Cloud AWS(4 years), Agile(6 years), Docker(5 years), Clean Architecture(4 years), Microservices (5 years), Event-Oriented Architecture(4 years), Kafka(4 years), RabbitMQ(4 years).

Experience

Safra Bank

Sao Paulo, SP

Cloud & IA Generative Architect

2024 - Present

- Responsible for the design and implementation of artificial intelligence solutions utilizing leading cloud provider resources, with a focus on enhancing resilience, security, scalability, and technological innovation. I develop strategies for AI integration across various bank sectors, ensuring efficient use of cloud tools and platforms to support a robust, high-performance architecture that drives digital transformation and delivers sustainable business value.
- Technologies
 - Python, .NET 8, C#, Open AI, Azure AI, Aws Bedrock, IA, ML, SQL Server, Redis, MongoDB, CQRS, RabbitMQ, Kafka, AWS Cloud, Azure Cloud, Microservices, Event-Oriented-Architecture, CI/CD, Agile, Docker, Streamlit, Flask

Guide Investments

Sao Paulo, SP

Software Engineer

2019 - 2024

- As a software engineer, using .Net Core and Angular, I developed a platform that facilitated robust communication between Advisors and Customers, resulting in heightened activity levels. This empowered Advisors to effectively engage and capture more clients. Post-implementation, our data revealed a notable surge, with advisor-driven customer acquisition rates surpassing 30% compared to figures from 2019.
- Transitioning to my role as a software architect, I played a pivotal role in reshaping the company's authentication model by harnessing the power of AWS Cognito. This strategic move significantly fortified security measures for our extensive customer base of over 70,000. Following the implementation, we witnessed a remarkable 70% reduction in fraudulent access attempts, ensuring a safer environment for our users.
- Technologies
 - .NET Core, .NET 6, C#, SQL Server, Redis, MongoDB, CQRS, RabbitMQ, Kafka, AWS Cloud, Microservices, Event-Oriented-Architecture, CI/CD, Agile, Docker, Design Patterns, Angular 2+, Javascript, Html, CSS, Typescript, Git flow, Git, Jira, Bitbucket, Confluence

Tata Consultancy Services

Sao Paulo, SP

Software Engineer

2018 - 2019

- As a software engineer, using .Net and SQL Server, I implemented RPA robots using at Itaú Bank to automate the search and consolidation of information on internal platforms and fraud bureaus. This solution reduced credit desk analysis time from 40 minutes to just 3 minutes, resulting in significant gains in performance and service efficiency.
- Technologies
 - .NET Core, .NET, C#, SQL Server, Asp.Net MVC, Agile, Design Patterns, Angular 2+, Javascript, Html, CSS, Typescript, Git flow, Git, Selenium Web Scrapping

IndigoSoft

Sao Paulo, SP

Software Engineer

2017 - 2018

- As a software engineer, I implemented a system using .net, angular, and MongoDB, that was responsible for integrated systems within Call Centers. Specifically, I worked with internal APIs of telephone services to monitor ongoing calls and ensure adherence to scheduled breaks for Telemarketing Attendants. With this solution, we were able to drastically reduce irregular breaks and unnecessary overtime taken by employees. After implementation, the company reduced around R\$50,000 paid in overtime.
- Technologies
 - .NET, C#, SQL Server, Mongo DB, Asp.Net MVC, RabbitMQ, Agile, Design Patterns, Angular 2+, Javascript, Html, CSS, Bootstrap, Typescript, Git flow, Git, Windows WPF, Avaya Api

- As a software engineer, I spearheaded the development of integrated platforms connected to ERP, bolstering the efficiency of the HR, tax, and accounting departments.
 - Using C# and .Net Framework, I implemented seamless integrations with governmental entities, including the Federal Revenue Service, E-Social, and SPED Accounting.
 - These solutions resulted in a productivity surge of over 60% for the teams, leading to a significant 50% relocation in the accounting and taxstaff.
 - This optimization not only yielded substantial cost savings for the company but also established more effective and integrated processes.
- Technologies
 - .NET, C#, Visual Basic 6, SQL Server, Asp.Net MVC, RabbitMQ, Agile, Design Patterns, Javascript, Html, CSS, jQuery, Bootstrap, Windows Forms

Education

FATEC – Technology University of Sao Paulo	Sao Paulo
Analysis and System Development	2013 - 2015
FIAP Administration and Paulista IT University	Sao Paulo
MBA Artificial Intelligence & Machine Learning	2018 - 2019
PUC Minas	Minas Gerais
MBA Distributed Software Architect	2020 - 2021

Languages

Portuguese: Native

English: B2-C1