

## Contact

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(LinkedIn)

## Top Skills

Integração e entrega contínuas (CI/CD)

NestJS

Azure Cosmos DB

## Languages

Inglês (Full Professional)

Espanhol (Full Professional)

# Paulo Oliveira

Software Engineer | Full Stack | React.js | Node.js  
Piracicaba, São Paulo, Brazil

## Summary

Hello! I have a degree in Systems Analysis Development and a postgraduate degree in Software Engineering.

I have over 10 years of experience in problem-solving and process improvement through the use of technology. During this period, I have worked with various programming languages and frameworks such as Genexus 9, PHP, Delphi 6, Java, ASP.NET MVC, Python, Node.js, Javascript, Typescript, Angular, React.js, and Next.js.

Due to this journey, I consider myself a "T-shaped" developer. I like to study problems, delve deeply into one area, and be able to navigate others. I believe that in this way, I become a more flexible professional, better able to adapt to market transformations.

Currently, I work full-time on the engineering team at Ambev Global Tech, on the Aurora project, primarily focusing on the lifecycle of microservices, managing product pipelines, governance, and maintaining shared libraries.

I worked as a freelancer from 2017 to 2020 on an Industry 4.0 project, creating a platform for configuring and monitoring OEE and machine productivity measurements. The startup was called StartMeUp, and it was one of the CNPq-selected companies for the 5th cohort of Start-Up Brazil, with an IoT project for Industry 4.0 focused on small and medium-sized industries.

In my spare time, I continue my studies in Web3, artificial intelligence, and I also sporadically try to write articles here on the network to improve my writing and share knowledge.

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## Experience

AB InBev

## Software Engineer

October 2024 - Present (5 months)

Campinas, São Paulo, Brasil

Working on the engineering team of the Aurora program with:

- Governance and development of microservices written in Node.js/NestJS and Azure Cosmos DB, integrated with SAP S/4HANA
- Governance and development of web apps in SAP UI5
- Reviewing pull requests for products related to the Aurora program
- Maintenance and improvements of shared libraries
- Maintenance of the CI/CD pipeline for products related to the Aurora program

## Pecege

7 years 1 month

## Software Engineer

March 2021 - October 2024 (3 years 8 months)

Piracicaba

- Developed a digital signature platform that allows API integration and offers a document signing widget directly in the user interface. The platform uses blockchain to ensure the validity of signed documents;
  - Technologies used: Node.js, NEAR Protocol, Typescript, React.js, Tailwind, React Email, Firebase, GCP, API Gateway, Load Balancing
- Developed an online event ticketing platform that efficiently supported the company's internal events, improving participant management and registration speed;
  - Technologies used: Node.js, Typescript, React.js, Next.js, Tailwind, Firebase
- Developed the thesis defense platform used in the MBA programs at USP Esalq and Poli USP PRO, facilitating the online thesis defense process and reducing operational costs. With the development of the platform, the MBAs were able to scale and conduct 20,000 thesis defenses per year;
  - Technologies used: Node.js, Javascript, React.js, Firebase
- Implemented continuous integration (CI) and continuous delivery (CD) pipelines using Azure DevOps, enabling more organized and efficient deployment cycles in development and production environments;
  - Technologies used: Azure DevOps, Bash Script

- Led the development team during the creation of the defense and event platforms, training new developers and promoting good programming practices;
- Collaborated with stakeholders in meetings, assisting in gathering and defining software requirements, ensuring that business needs were fully met;
- Conducted technical interviews for new candidates for the IT team, helping to select qualified professionals suitable for the company's profile.

### Mid-Level Software Development Analyst

October 2017 - February 2021 (3 years 5 months)

Piracicaba Area, Brazil

- Developed the company's first event registration platform. The event, previously known as the SIM event, was held semiannually and hosted over 5,000 people at the USP/Esalq campus in Piracicaba. The platform's main objective was to register participants and their guests;
  - Technologies used: ASP.NET MVC, Angular, MongoDB
- Developed a mobile app for the event registration platform, enabling the event team to quickly and efficiently register participants for activities;
  - Technologies used: Angular, Apache Cordova
- Developed the Compara Agro system for the PECEGE Projects team, providing a benchmarking tool and analysis charts for industrial comparisons in the agricultural sector;
  - Technologies used: ASP.NET MVC, Angular, SQL Server
- Actively contributed to the organization and setup of the company's event structures, ensuring successful execution and efficient logistics;

### StartMeUp - Indústria 4.0 é para você também

Freelaner

December 2017 - December 2020 (3 years 1 month)

Sorocaba

- Created a dashboard for real-time measurement data visualization and system configuration, allowing clients to monitor the performance and efficiency of their processes;
- Developed a mobile application enabling clients to access measurement information of their equipment in a simplified manner;

- Designed and implemented a robust API for IoT device communication, facilitating efficient and secure data integration and collection;
- Structured and optimized the database to support millions of records, ensuring high performance, scalability, and data integrity;

Technologies used: Node.js, Angular, Apache Cordova, MySQL, GCP

## Raízen

1 year 10 months

### Junior Systems Analyst

June 2017 - September 2017 (4 months)

Piracicaba

- Developed small features for LD&T systems using ASP.NET MVC and SQL Server;
- Used SVN for version control and software version history tracking;
- Applied CI/CD practices with Jenkins and SonarQube to ensure continuous delivery and code quality validation;
- Developed ETL processes using SSIS (SQL Server Integration Services) for data extraction;
- Acted as the focal point for business demands and support, including gathering functional and technical requirements, conducting development testing, and providing support during user acceptance testing;
- Responsible for gathering system requirements, executing tests, and supporting users during acceptance testing of less complex systems.

## Internship

December 2015 - June 2017 (1 year 7 months)

Piracicaba

- Learned and engaged in activities related to process improvement for company systems;
- Automated processes using VBA and Excel;
- Participated in the development and basic configuration of systems;
- Assisted users with system access requests;

- Conducted system requirements gathering.

## KMM Engenharia de Sistemas

### Software Developer

March 2014 - April 2015 (1 year 2 months)

Ponta Grossa

- Collaborated directly with the support team to understand customer needs;
- Contributed to the maintenance and bug fixing of the TMS (Transportation Management System) using Delphi 6 and Java;
- Assisted in the effective investigation of database issues for clients by creating Oracle queries using PL/SQL;
- Optimized legacy Delphi interfaces by transferring direct operations to the database through procedures.

## E-Soft

### Software Developer

2009 - 2012 (3 years)

Capão Bonito

- Implemented the online management system for TV CRECI SP, ensuring continuous availability of the video portal and user accessibility;
- Developed and updated the company's internal ticket system, ensuring a continuous and efficient process flow;
- Provided maintenance support for the management system of GOB (Grande Oriente do Brasil) in Brasília, ensuring system availability and access to essential organizational data.

Technologies used: Genexus 9, PHP, SQL Server

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## Education

Universidade Federal de São Carlos - UFSCar Oficial

Master of Business Administration - MBA, Engenharia de Software · (2018 - 2020)

Instituto Federal de Educação, Ciência e Tecnologia de São Paulo - IFSP

Systems Analysis and Development, Information Technology · (2015 - 2017)

ETEC Dr Celso Charuri

IT technician, Technology · (2008 - 2009)