

José Ricardo Carvalho Prado de Almeida

Brazilian, stable union, 31 years old
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OBJECTIVE

Engineering and Architecture of intelligent systems, focused on back-end, micro services, integration and DevOps.

FORMATION

- Post-graduation degree in Software Engineering by PUC-PR, class of 2018.
- Bachelor degree in Information Systems by PUC-PR, class of 2014.
- Certificate of Proficiency in English, Council of Europe level C2, finished in 2010.
- Experience abroad – Lived in Sterling, Virginia, USA, for 10 months. Studied at Park View High School. (September of 2008 - July of 2009).

LANGUAGES

- Portuguese – Native.
- English – Fluent.

PROFESSIONAL EXPERIENCE

- **CI&T - Senior Software Engineer**

- 2021-2023
- Projects:
 - SAP integration with Node.js APIs using Azure for a major beverage company.
- Responsible for analyzing requirements and breaking them down into technical documents which the team would work on.
- Once the team started work, it was my responsibility to ensure the developers had the necessary assistance, tools and knowledge to complete their assignments using pair-programming and other techniques.
- Once the code was written, I was one of the key people necessary to approve their work, revising their code and making suggestions.
- Because of the analysis phase, I was also responsible for communicating with the client and other stakeholders in order to gather as much information on the requirements possible.
- All this work was done with international teams from multiple geographical locations.
- Developing a solution to collect data from Brazilian Health Department (ANVISA) and make it available in a data lake using AWS for a major pharmaceutical company.

- Responsible for designing the architecture as well as implementing it. I was responsible for communicating directly with the client and stakeholders in order to gather the requirements as well as having the architecture defined and approved.
- Once approved, the team and I were responsible for implementing it, using Python, AWS Step Functions and AWS Lambda running pipelines on Jenkins with Terraform.
- Techniques such as pair-programming proved to be very efficient and increased the team's productivity. Unit tests were also very important because of the data volume and data source availability.
 - Architecture design of micro-services for a multi-corporation solution for a major technology conglomerate.
- Responsible for gathering requirements, designing and validating solutions with clients and stakeholders.
- One of my most curious assignments because most of what was asked to be designed already existed in the solution in a different form.
- Therefore, most of my work was not in creating new things but showing the customer how to use the solution in a more effective way, increasing it's value.
 - Development of solutions to gather data from a major financial institution in Brazil.
- Implementation of programs to gather data from multiple sources, filter and process them in order to integrate with an external system.
- Because of the age of some sources and data complexity, many meetings with different teams had to be arranged in order to validate sources, formats and other data characteristics.
- Main technologies:
 - .Net Core
 - Node.js
 - Python
 - AWS
 - Azure
 - Micro-services.
- Main activities:
 - Development
 - Analysis
 - Support for junior developers.

- **Ahoy by Belago Group - Full Stack Senior Developer**

- 2021 – 2021
- Project:
 - Implementation of a complex solution for managing a Family Office.
- Responsible for developing and supporting junior developers in the implementation of a Family Office system that would handle data input as well as many financial calculations.
- Main technologies:
 - .Net Core
 - Azure

- SQL Server
- Micro-services
- Main activities:
 - Development
 - Support

- **TIVIT - Full Stack Senior Developer**

- 2020 - 2021
- Project:
 - Architecture and implementation of a financial analysis workflow for a major industrial bank.
- Responsible for designing and implementing a solution which would receive data from external systems in order to validate if a process would be approved or not.
- This included data enrichment from internal company sources as well as external systems.
- The implementation ran in a event-driven environment fully orchestrated in Azure using Azure Functions and ServiceBus.
- Execution could be restarted at any point during the analysis flow in order to avoid unavailability of any external system.
- Monitoring the execution flow in Production to evaluate possible blocks in the process.
- Main technologies:
 - .Net Core
 - Azure
 - Azure Functions
 - Azure Service Bus
 - SQL Server
 - Micro-services
- Main activities:
 - Development
 - Analysis
 - Support

- **ExxonMobil Global Business Center - Systems Analyst**

- 2017 - 2020
- Project:
 - Development and Maintenance of the Sales Order API.
- One of the senior developers in a Agile team. Responsible for Developing, testing and following the project pipeline in order to finish tasks.

- All tasks were performed with pair-programming, rotating team members every sprint in order to get in sync with the team and improve our abilities.
- Used Java and micro-service architecture in order to implement a RESTful API as well as an event-driven API using Kafka.
- Design and Implementation of a company-wide calendar event scheduler
- Using then-new .Net Core 3.1 and then-recently released Azure Functions v2, I was tasked to design and implement a calendar event system akin to MS Outlook with a cloud-first operation.
- The system improved Outlook's offering as it has a waiting queue when the participation quorum was full as well as e-mail notifications when events changed, queues moved, etc.
- The system had to work on IE11 and Chrome using the company's Azure AD instance for authorization and authentication. The application was written with React on the front-end.
- Main technologies:
 - Java
 - Jenkins
 - Springboot
 - OpenShift
 - Azure DevOps
 - .Net Core 3.1
 - Azure Functions v2
 - React
 - Azure AD
 - Service Bus
 - Agile and Scrum
- Main activities:
 - Development
 - Testing
 - Design
 - Team-building
- **Regazzo Soluções em Tecnologia - Software Engineer**
 - 2016 – 2017
 - Development, Analysis and Support for C#, JavaScript, SQL Server 2012. Emphasis on Web systems and Web-services based on .Net Core.
 - API Integration based on JSON and XML, Version updates from C#6 to C#7 and MVC6 to MVC Core.
- **FH Consultoria - Hybris Programmer**
 - 2016 – 2016
 - Development, Java Analysis and Support, JavaScript. Emphasis on Web systems and Web-services based on Hybris, Java, HTML5 and Bootstrap. Front-End Restructuring for Hybris-based e-commerce.

- Development of a Git-based versioning system used in all Hybris-based projects.

- **Trackmob - Software Engineer**

- 2015 – 2016
- Development, Analysis and Support for Ruby on Rails, JavaScript, Android. Emphasis on Web Systems e Web-services based on Ruby on Rails and JSON, HTML5 and Bootstrap. Payment integration via EDI (Credit, debit and tickets) or online (gateways such as Braspag, PagarMe).
- Development of Service Desk guidelines for the company and all its projects.

- **Regazzo Soluções em Tecnologia – Programmer**

- 2014 – 2016
- Development, Analysis and Support for C#, Android. Emphasis on Web Systems and Web-services, all based in ASPX.

ADDITIONAL INFORMATION

- LinkedIn: <https://www.linkedin.com/in/jos%C3%A9-ricardo-prado-de-almeida>
- GitHub: <https://github.com/zeh-almeida>