

Lucas Quezado Vasconcelos

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EXPERIENCE:

AvantGarde LLC., Rockville, MD

Systems Engineer

November 2023 - December 2024

- Implemented an invoice generation feature for an internal tool using Java framework (Apache Struts2) that reduced the time spent creating invoices manually by 60%
- Owned and modernized the development lifecycle of two business critical Java web applications leading to easier maintenance and deployments
- Automated admin actions in an internal Java tool which reduced time spent servicing contracts by 40%
- Engaged with stakeholders to create meaningful project goals & timelines, demo progress, deliver valuable releases, and review feedback
- Created centralized documentation for internal applications and organized working sessions that increased the usability and adoption of tools available to users
- Prepared and supported various production deployments

Appian Corporation, Tysons, VA

Senior Application Engineer

May 2021 – September 2023

- Implemented new schema and decreased the time-to-quote for a new SKU by 80%
- Led production deployment of revamped CPQ tool with A/B testing considerations to allow analysis of the new tool's performance while ensuring no loss of service was experienced
- Leveraged React, Appian SAIL, MongoDB and a host of AWS Services to create a serverless search engine application for company contracts to support Appian's legal team in their day-to-day responsibilities
- Participated in spike activities to understand what components/functionalities were not supported OOTB on the Appian platform and design necessary add-on components using React
- Updated Appian Community website by building a new 'item-loading' React component to provide a smoother experience resulting in more community engagement and adoption of the Appian platform
- Created regression test suites to reduce the time spent manually testing applications and number of bugs being introduced into user-facing environments
- Conducted KT and paired programming sessions empowering new team members to contribute quickly to the heavy development load
- Performed code reviews providing guidance on best practices and ensuring quality releases
- Created new standards for documentation using Confluence to keep the team organized and streamline the onboarding process

Lincoln Financial Group, Philadelphia, PA

A.I./Web Application Developer

June 2019 - May 2021

- Developed and maintained cloud native web applications and on-prem legacy applications to support the Annuity and Life Insurance Contact Centers using Spring/Spring Boot
- Built automated API integration testing suites using Apache Jmeter and plugged them into CI/CD pipelines to promote healthier DevOps practices and improve application development lifecycles
- Participated in AGILE ceremonies including planning sessions to design release cadences and demos of accomplishments and updates to stakeholders
- Led production releases including deployments of both legacy on-prem and cloud native applications
- Championed cloud adoption and migration and introduced cloud technologies to the contact center, such as containerized applications deployed on AWS ECS, serverless computing on AWS Lambda, and infrastructure as code deployments through AWS CloudFormation and CDK.

LEADERSHIP:

- **CPQ Revamp Project Lead:** Led end-to-end development lifecycle of a business critical project
- **Legal Search Engine Project Lead:** Sought and implemented an optimal search engine tool for Appian Corporation's Legal department

SKILLS & CERTIFICATIONS:

Languages: Proficient in Java, Node/JavaScript, Python, SQL (MariaDB, MySQL, Oracle, Postgres), Git

Frameworks and Services: Spring, Spring Boot, React, Next.js, Express.js, AWS Cloud Services (Lambda, S3, SNS, SQS, IAM, EC2, Dynamo, OpenSearch, CloudWatch, CloudFormation), GCP Cloud Services, Gitlab CI/CD, MongoDB

Language Skill: Conversational Proficiency in Portuguese and Spanish

EDUCATION:

Lehigh University, Bethlehem, PA

Bachelor of Science, Computer Science and Business

May 2019

- **Relevant Coursework:** Database Systems & Applications, Systems Software, Programming Languages, Programming & Data Structures, Linear Methods, Financial & Managerial Accounting, Principles of Finance, Web Systems Programming, Investments, Computer Applications in Business, Design and Analysis of Algorithms, Corporate Financial Policy, Software Engineering