Lincoln Pompermaier

Software Developer

www.linkedin.com/in/lincoln-pompermaier
https://github.com/lincolnpomper
lincoln@pompermaier.com – (41) 98533-1469
Curitiba, Paraná, Brazil

About

   With large experience in software development on front, back-end and desktop applications, I've expanded my skills across a variety of technologies and agile methodologies. My expertise includes Web Frameworks, like Spring, REST APIs, a variety of databases, Automated tests, AWS technologies and Microservices. Further more, gained comprehensive experience with Scrum, issues mitigations and tasks planning. Additionally, as a team leader, I managed tasks and facilitated conflict resolution.

Made use of several design patterns including Chain of Responsibility and Strategy. This has emphasized the importance of developing code that, despite its complexity, remains maintainable and scalable.

Recently, I've advanced my expertise in Cloud Native technologies and Microservices, acquiring hands-on professional experience, by developing microservices in Java, making use of frameworks like AWS Lambda and DynamoDB, and writing CloudFormation templates.

Mission

- Work as a developer on projects with good practices, using Cloud Native technologies on Microservices and with Scrum methodology.

Competences

- Software Development skills and mindset: Learn new technologies quickly; Systemic view; Excellent communication skills; Emphasis on reuse.
- Agile perspective: Encourage team to work making use of frequent communication; skilled defining stories and distinctly helpful reconciling estimates working with Scrum.
- Teamwork style: Driven by results; critical thinking; seek to understand the rules; make decisions; act with courage.

Experience

Arlequim Technologies (2024)

Subscription solution to acquire virtual computer. Makes use of microservices architecture, Micronaut framework and AWS resources.

Noteworthy activities:

- Engineered and developed a subscription payment service that integrates with external finance services.
- Combined the use-case pattern from Hexagonal Architecture with Strategy Design Pattern to execute payments according to its type.
- Included a sophisticated algorithm to accurately determine the correct payment execution date based on the subscription type—monthly or annually. It ensures that payments are processed on the appropriate date each month or year, regardless of variations in the number of days in the month. This avoided fixed payment dates enhancing customer satisfaction.
- Gained experience in Hexagonal Architecture patterns, ensuring a clear separation between business logic and peripheral technologies.
- Developed a technical documentation in YAML for the service using AsyncAPI. This documentation thoroughly describes the Lambdas and SQS, their payload structures, and provides practical examples. This initiative served as a model for the documentation of other services.

Skills: Java · Amazon Web Services (AWS) · AWS Lambda · Amazon SQS · Amazon Dynamodb · PostgreSQL · Micronaut · REST APIs · Microservices · Hexagonal architecture · Cloud-Native Architecture

Wiley (2022 - 2023)

Journal publication dashboard used by authors and administrators.

Noteworthy activities:
- Developed the process of eligibility of a newly introduced publication method called Open Access.
- Despite of being a very large application the code was uncoupled, allowing to implement each check of the eligibility process in a separated class using Chain of Responsibility pattern.
- Created and presented a plan for resolving large quantity of issues for a critical delivery. This plan utilized a scoring system assigning values to tasks based on risks, effort, and complexity, enabling us to prioritize the work. With that at hands, I successfully convinced stakeholders of the plan's viability, leading to its acceptance.
- Performed interviews on candidates to integrate international team for Java development.

Skills: Java · REST APIs · Scrum · Spring Framework · Git · Docker Products · Jenkins · Test Automation · SQL · Maven

Wiley (2021)

Professional learning platform for business.

Noteworthy activities:
- Created and updated REST endpoints for both new features and existent ones. High standard for endpoints documentation was adopted at the point of using specialized HTTP codes such as 409.
- Improved existent code on the monolithic application to get better performance and maintenance. Experienced a rare occasion as software developer of deleting lots of code which required extra caution with the testing side.
- Developed an option for the admin user to change all the Font from the application. Challenging task due to the legacy code. Was achieved by using CSS variables.
- Updated a file storage service to make use of the Amazon S3 Service to achieve better performance.

Skills: REST APIs · Amazon Web Services (AWS) · Python (Programming Language) · Test Automation · Jenkins · Git · Vue.js · PHP · Scrum · SQL

Bradesco (2018 - 2019)

Two Product of Concept for Digital Bank. Each POC using different technology.

Noteworthy activities:
- Built the front end with the same advanced effects shown in the native coded app, but using hybrid technology.
- Learned how to manipulate SVG with JavaScript and coded animations from scratch, including icons and full screen animations. They were loaded in realtime inside the application as a resource and kept in separated files for easy maintenance.
- Decided to use SVG for flexibility, considering multiple sizes of physical devices, resulting on a fast and lightweight software with images purely in SVG, in counterpart to the original software, which used PNG.
- The same Javascript animations were used in two applications with different technologies: Cordova and Ionic.

Skills: Angular · jQuery · Apache Cordova · TypeScript · Ionic Framework

Bradesco (2016 - 2017)

Digital Bank Application. The software had several java projects and was built by several international teams.

Noteworthy activities:
- As the primary contributor to my team's Scrum stories, proposed changes regarding the size of stories to be delivered and tested. Also made clearer the product owner's vision rather than how the developer should develop.
- Built a code with Java Streams using Chain of responsibility and Composite patterns for a validation mechanism with shared data. The result was a loosely coupled software from which, with a single line of code, the developer could get the desired business rules.

Skills: Java · REST APIs · Scrum · Spring Framework · Design Patterns · Gradle

HSBC GLT (2015)

Bank data management System to be used by Business Analysts.

Skills: Java · SQL · JavaServer Pages (JSP) · Git · International Teams

Cinq Technologies (2014)

Federal audit office registration.

Noteworthy activities:
- A task in this Application required relationship between people records, to build the feature asked, scripting in JavaScript and using AngularJS with Bootstrap, I designed and developed a hierarchical User Interface diagram which allowed user to add, remove and rearrange items by moving them as needed (father-son-grandson like chart).
- The code used Prototype JavaScript in order to be generic, and by doing this, the same code was successfully used on the next similar requirement.
- This implementation had also efficiency in terms of processing, by leaving all the management to the Front End

Skills: Java · JavaScript · Bootstrap · SQL · Maven

Cinq Technologies (2013 - 2014)

Airport data management Application

Noteworthy activities:
- Designed and developed a multi-platform installer in Java Swing for an Airport data management Software. The installer achieved easy use by showing steps with similar inputs (wizard like).

Skills: Java · Dojo · Java Swing · Jenkins · Scrum · iOS · Team Management · Design Patterns

CITS (2012)

System for Social Security of Curitiba which integrated with various government web services.

Skills: Java, EJB, JBoss Seam, JSF, RichFaces, JQuery, WebServices

CINQ (2007 - 2011)

Solution Extensions for a VOIP Software.

Skills: Java · Adobe Flex · ActionScript · JPA · Scrum · Jenkins

Education

Graduation
- Technology analysis and development of systems, Grupo Educacional Opet, 2009, Curitiba.

Licenses & certifications
- SAFe 4.0 Scrum Master Course (Certificate ID: 75530961-6791)

Languages
- Portuguese: Native
- English: Full professional proficiency