Carlos Vítor Laurine Pinho Software Engineer

E-mail: vitorlaurine@gmail.com

Site: http://carloslaurinedev.com

GitHub:github.com/CarlosLaurine

Address: Rua CIA Aeroporto, 618, Brazil, Bahia, Salvador

Summary of Qualifications

- Software Engineering Bachelor Student scheduled to complete in 2023 (Course Strongly Directed to Java Development at most Subjects – Strong and Solid Java Development/Hands-on Practicing and Experience).
- Fluent in English and Portuguese (TOEFL Grade – 98)
- Semi-Finalist at Harvard-MIT Innovation Hackathon Hack-Brazil with KJDklas Team
- NASA Space Apps Incubator Innovation Program Challenge 2020 Integrant at VrauuRalla Team
- Former Co-Founder at Scupp! Blooming Tech Startup, in charge of the Business/Networking/Team Management Sector
- Independent Developer
- Stack Overflow Afficionado
- Passionate about all kinds of Innovation

Summary of Technical Qualifications

- Programming Languages - Java, HTML/CSS/JS
- Frameworks – Spring Boot, ReactJS, Bootstrap, JSP, JSF (Prime Faces)
- Data Bases - MySQL, PostgreSQL
- Application Programming Interface (API) manipulation - (Java Persistence API)
- Object-Relational Mapping Experience (Hibernate)
- Experience with Maven Project Development
- Knowledge in AJAX Manipulation (Web Services)
- MVC Architecture
- Experience with Git/Git Bash/ GitHub Code Versioning Tools/Environment
- Java Web Development experience (HTML Protocol – Request/Response, Dependencies Management, Servlets)
- Knowledge in UML
- Knowledge on Team Work at Startup Environment (Co-Founder of Scupp! Startup)
- IDEs/Text Editor Development Experience (Eclipse/Visual Studio Code/Sublime Text)

Education

(2020-2023) Catholic University of Salvador (UCSAL)
Bachelor of Software Engineering Undergrad Student

(2021-Now) DevSuperior Schools' Spring React Bootcamp **Brazil**
Professionalization/Specialization Student

(2020-2020) Java first steps: Programming Logic and Algorithms (Nelio Alves) **Udemy**
Student

(2020-2021) Complete Java Object Oriented Programming + Projects (Nelio Alves) **Udemy**
Student

(2021-Now) Complete Web Development 2021- 20 courses +20 projects(Jamilton D.) Udemy
Student

(2021-Now) Java Web Full-Stack Course at JDev Training Schools (Alex E.) **JDev Training**
Student

(2021) Brazilian Micro and Small Business Support Service **Brazil**
(SEBRAE)'s Mentorship Program on Business Modeling,
Team Management, Product Planning and Marketplace Validation
Mentee (Scupp! Co-Founder/Team Component)

(2021) Coding Nomads Bootcamp's Introduction to Git and Github **CN Bootcamp**
Student

(2021) Coding Nomads Bootcamp's Java Programming Course **CN Bootcamp**
Student

Freelancer Developer Aug 2020 - Present

- Developing web applications (Back End / Full Stack) and their respective prototypes
- Using JSP/JSF/Bootstrap/HTML/CSS as frameworks for the Layouts
- Using MVC architecture
- Using Maven/Hibernate/Spring for the Back End
- Studying/Getting in Touch with Deployment at Heroku and Netlify Hosting for Web Applications
- Manipulating API's

Projects:

Scupp! Landing Page (Authorial Team Project)

- Responsible for giving Structural Maintenance at the Page Layout and giving some Insights on the Design
- Use of Scrum as a software development methodology

- Github Collaborative Repository:
https://github.com/CarlosLaurine/ScuppSiteOficial

- Landing Page Domain:
  https://scupp.github.io/scuppoficial/

DS Sales Analytic Software Web App (Mono-Repo Project)

- Personal study project
- The application page, built at ReactJS, consumes the SpringBoot Back-End which connects to a PostgreSQL Heroku Database and dynamically displays its Sales/Seller Data (Closed Deals, Net Profit, Success Rate, et cetera) on two Bootstrap Charts alongside with a Dynamic Table Component which uses an Inter-Component Connection with the Data Pagination Menu

- Heroku API with JSON Demo for “Get Sales” Mapped Request:
https://spring-react-sales-laurinedev.herokuapp.com/sales

- Web App Netlify Domain (with Backend HTTP Requests/Responses implemented at a Heroku Domain):
  https://carloslaurinedev-dssales.netlify.app/

- GitHub Mono Repo with Full Backend and Frontend Source Codes (Developed with Eclipse and VS Code in parallel):
https://github.com/CarlosLaurine/React-Spring-Demo-Project

Contact Agenda with PDF Report Emission, Brazil

- Personal project that I carried out to improve my Clean Code and MVC Architecture Development Skills while applying JPA to perform Persistence Operations (CRUD) at a MySQL Database with a JSP/HTML/CSS/JavaScript View Layer
- The application is a Responsive Contact Agenda which performs all CRUD Operations alongside with some JavaScript Validators and allows the user to Download a complete PDF Table-Structured Dynamic Report of all his Contacts with a single button click (Feature + Logic + Methods Implemented with IText 5.5.13.2 Open Source Library)

- Performed Full Hosting and Propagation Protocols to make the Web App's Domain Verified, Secure and Functional while running its .WAR File at a Tomcat 9.0.6 Server Private JVM, managed through CPanel Tool (Mocha Host).

- GitHub Repo with Generated Database Dumps (MySQL Diagram + Complete SQL (DDL + DML) and Complete API Documentation with Sun's Javadoc:

https://github.com/CarlosLaurine/Contact-Agenda-Project-MySQL-HTML-CSS-JS-JavaEE-with-MVC-Pattern

- Hosted Web App's Private JVM Domain:

https://contact-agenda.carloslaurinedev.com/

Chess System

- This was a project that I have built during studies of Advanced OOP Properties and Business Modeling Process with UML Diagrams
- It's a complete Chess System for two Players which runs at the Git Bash Terminal
-
- GitHub Repo with complete Runnable Source Code (Just Git Clone + Git Bash at bin Folder and Run) + Chess Layer and Board Layer Designs at Readme.md + Astah UML Diagrams File https://github.com/CarlosLaurine/ChessSystemProject-Java

- Full Designed Chess Layer and Board Layer Class Diagrams and Relations with Astah UML Modelling Tool:
https://drive.google.com/file/d/1Pcmp4R_lQKoGpCscaf0RBKPiwOeSb_Rm/view?usp=sharing

- Full Designed UML Diagrams Displaying Domain Modelling and Domain Instance: https://drive.google.com/file/d/14s0kDhdFJJz0HP3UkyY7qOHLJI31HJ0J/view?usp=sharing

Complete User Register with File Manipulation and Web Services(Under Development), Brazil

- Personal project that I built during studies of HTTP Protocol/Login Filters/Singleton Pattern and JPA to perform Persistence Operations (CRUD) at a PostgreSQL (Pg. Admin 4) Database with a JSTL/JSP View Layer composed by JavaScript/CSS/HTML Components and Validations

- This System first requests the User's admin Login in order to allow him to add and edit new Users at the Database. Then, once the Login is validated, it makes all the User Data Manipulations available with various Persistence Operation Features displayed Dynamically in a Responsive Table and Forms through JSTL and Expression Language Structures. In this sense, a Phone List can be attributed to each User, with all of its Numbers cross-related to the User Table (Join Tables) and subjected to CRUD Operations as well. Also, Web Services were applied in order to search for the input User ZIP Code and auto-fulfill the Address Slots through AJAX. To complete all those multiple User Data Attributes, a File Upload, Conversion and Download Server Logic was implemented so that each User can upload their Resume and store it at the PostgreSQL Data Base through the Server-Side's Base-34 Conversion and Manipulation.

- Performed Full Hosting and Propagation Protocols to make the Web App's Domain Verified, Secure and Functional while running its .WAR File at a Tomcat 9.0.6 Server Private JVM, managed through CPanel Tool (Mocha Host).

- OBS: File Upload/Download Feature + Logic + Methods Implemented with Commons File Upload and Commons IO APIs

- GitHub Repo with Source Code + APIs + Complete Implementation/Study Comments up to Now:

https://github.com/CarlosLaurine/Responsive-Register-with-Ajax-Java.io-JSP-JSTL-JPA-PostgreSQL-JavaScript

Complete Commercial Orders API, Brazil

- This Full Back End API Project was Designed and Built to apply Complex Domain Modelling in order to design a complete UML Diagram encompassing Order Operations and Implement it in a runnable Code through Spring Boot and JPA Manipulation.

- In this Webservices API, Multiple Object-Relational-Mapping Relations (One to Many, Many to One, Inner Join) and Entities were created to depict and simulate a Commercial Order process with all of its components (**Client/Order/Payment/Product**) while organized in a Rest Architecture (Repository/Service/Controller Layers). All of the HTTP Requests for Persistence Operations (Get/Put/Delete/Post) and its respective Custom Exceptions were Implemented and Tested through H2 Local Database and Postman. Finally, it was deployed with Heroku as a Verified, Functional API.

- GitHub Repo with Source Code + Pinpoint/Self-Descriptive Commits + Complete Implementation/Study Comments: https://github.com/CarlosLaurine/SpringBoot2-JavaEE11-DemoProject

- Heroku App URL with JSON Demo for "Get Orders" Mapped Request:

  http://web-services-sales-register.herokuapp.com/orders

- Full Designed UML Diagrams Displaying Domain Modelling and Domain Instance:

  https://drive.google.com/file/d/14s0kDhdFJJz0HP3UkyY7qOHLJI31HJ0J/view?usp=sharing

Personal Responsive Portfolio Portal with Complete Auto-Mail Back End System

- Implemented Full Back End and JUnit Tests at the Server-Side (Email Forwarding and Receipt (With or Without Attached File) + Success/Fail Message Display with Scriptlets) following the Clean Code Standard and the J Auto Doc Documentation Practice.

- Providing constant Structural Maintenance at the Portal Layout/JavaScript Animations, Navigation and giving some Insights on the Design Identity.

- Performed Full Hosting and Propagation Protocols to make the Portfolio's Domain Verified, Secure and Functional while running its .WAR File at a Tomcat 9.0.6 Server Private JVM, managed through CPanel Tool (Mocha Host).

- GitHub Repository containing Full Portal Source Code with Complete, Descriptive Back End Implementation Comments + Full Documentation with Java Doc:

https://github.com/CarlosLaurine/Personal-Portfolio-Page-With-JSP-Servlet-JS-CSS-HTML-Email-Forwarder-Using-javax.mail-1.6.2-

- Hosted Portal's Private JVM Domain:

https://carloslaurinedev.com/

Complete Catalog Orders API built with Test-Driven-Development (TDD), Brazil

(Under Development – Backend Partially Built, Front-End with ReactJS is currently being Designed in order to deploy the whole Web App at Netlify)

- This Full Back End API Project is being Designed and Built to apply Domain Modelling in order to design a complete UML Diagram encompassing an Online Catalog's Operations and Implement them through Test-Driven-Development Design Methodology, alongside with Spring Boot and JPA Manipulation, in a Functional Clean Code.

- In this Webservices API, Multiple Object-Relational-Mapping Relations (One to Many, Many to One, Inner Join) and Entities were created to depict and simulate an Online Catalog's Features with all of its components (**Category/Product**) while organized in a Rest Architecture (Repository/Service/Controller Layers). All of the HTTP Requests for Persistence Operations (Get/Put/Delete/Post) and its respective Custom Exceptions and Exception Handlers were Implemented and Tested through H2 Local Database and Postman. To perform the TDD during Runtime Development, JUnit Vanilla/JUnit Jupiter/Mockito/MockBean/MockMVC were used to perform all Designed JPA Tests, Unit Tests and Integration Spring Boot Tests (For both the Web Context Isolated and the whole Application Context).

- GitHub Repo with up-to-date Source Code + Database Seeding SQL File + Complete JPA/Unit/Integration Tests: https://github.com/CarlosLaurine/Complete-DS-Catalog-App

Additional Links and Docs:

- NASA Space Apps Challenge **AR.SAVE** Prototype Project (VrauuRalla Team): https://2020.spaceappschallenge.org/challenges/observe/one-health-approach/teams/vrauuralla/project

- Brazilian Micro and Small Business Support Service (SEBRAE) Startup Mentoring Internship Certificate: https://drive.google.com/file/d/1rTkwI51CJc28_8XQzAI-iqni2AsYDB9S/view?usp=sharing

- Complete Detailed Official SAT Score Report with Summary of Subject Test Scores (Proof of English Proficiency – Passive and Active Skills) https://drive.google.com/file/d/1lXD8JRwLbbWY4xLwSR6GWSDbw_XL6GZH/view?usp=sharing