

VÍCTOR MANUEL LAVALLE CANTÓN

SOFTWARE ENGINEER | FULLSTACK DEVELOPER

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ABOUT ME

I am a versatile full-stack developer proficient in Web Development with Java, Vue, REST APIs and OCI, I excel in creating seamless user experiences and efficient backend solutions. Experienced in team leadership and project management, I am committed to delivering high-quality, impactful results.

EXPERIENCE

Software Engineer

Nov 2024 - Present

WGU

- Lead Java 11→17→23 migrations with Spring Boot, optimizing performance and maintainability.
- Strengthen security by resolving code & dependency vulnerabilities with Veracode & SonarQube.
- Monitor and optimize AWS services, pipelines, and clusters using Dynatrace.
- Enhance web accessibility for a modern Angular application.
- Ensure smooth production deployments and real-time incident resolution.
- Drive quality with manual & automated testing using Postman.

Backend Developer

Feb 2023 - Nov 2024

Accenture

- Collaboration with the BBVA Spain team in the development and maintenance of programs using the Altamira architecture.
- Assisted in migrating and updating legacy systems for improved compatibility and performance.
- Implemented solutions in Cobol and Java, facilitating integration between new and existing systems.
- Developed online and batch applications, managed databases (DB2), and handled data modeling.

Java & Cobol Bootcamp

Jan 2023 - Feb 2023

Accenture

- Completed Java and Mainframe Bootcamps, acquiring skills in object-oriented programming, data modeling, and database management (DB2, Hibernate, JPA).
- Implemented Java solutions, including full-stack web applications using Vue 3, Hibernate, Spring, and Spring Boot for RESTful services.
- Developed online and batch applications, ensuring quality and functionality through testing and interactive applications.
- Applied Test-Driven Development (TDD) with Mockito and Agile methodologies, continuously improving in a fast-paced environment.

SKILLS

Backend

- Java - Spring, Spring Boot, Spring Security, JPA, Jackson, Lombok, J2EE, Hibernate, APX
- Python - Beautiful Soup, Pandas, Numpy, Xmltodict, Flask
- PHP - Laravel, Composer, Swift Mailer
- COBOL - Altamira, Batch, On-Line, Testing, CICS, TN-3270
- API - HTTP, SOAP, Postman, FastAPI, Swagger
- Cloud - AWS, Docker, Linux, Oracle Cloud, Bash Script
- Version Control - Git, GitHub, GtiLab
- Databases - MySQL, PostgreSQL, SQLite, DB2

Frontend

- HTML, CSS, SCSS
- Javascript, Typescript
- Vue.js, Angular, NPM, NPX
- JQuery, Axios, i18n, Pinia
- Bootstrap, Tailwind
- Figma, Marvelapp, Penpot
- UI/UX, Design Thinking

API Integration Consultant Sep 2022 - Jan 2023

Takeda

- Developed a stress testing solution for Ariba's web service using Python, identifying integration limits and proposing efficient solutions.
- Collaborated with ABAP & MuleSoft developers to ensure smooth integration.
- Provided essential resources such as Postman collections and mapping sheets.
- Expertly resolved web service issues.

Fullstack Developer & Team Leader Dec 2021 - Jan 2023

Wayakna

- Backend:
 - Developed robust REST APIs connected to MySQL using JPA annotations, efficiently managing nested objects.
 - Implemented and transitioned authentication from basic auth (Spring Security) to a secure OAuth-based system with access/refresh tokens flow.
 - Secured endpoints with user authorities, roles & permissions.
- Frontend:
 - Designed user interfaces with Bootstrap 5, enhancing the design with custom SCSS for a unique look and feel.
 - Utilized Vue 3 with Composition API, Vite, and TypeScript for efficient and streamlined frontend development.
 - Managed state with Pinia and used axios interceptors for transparent access token refresh.
 - Secured pages with vue-router and route guards, enforcing user authorities for access control.
- Leadership:
 - Led a team of developers, providing guidance and ensuring best practices in both backend and frontend development.
 - Assisted the Scrum Master in project management and agile processes, ensuring timely delivery and adherence to best practices.
 - Coordinated with cross-functional teams to ensure seamless integration and project delivery.
 - Conducted code reviews, mentored new joiners, and facilitated continuous improvement in the development process.

Web Developer Feb 2021 - Dec 2022

Freelance

- Configured and managed servers with Ubuntu 22.04, Tomcat9, Apache Solr, and Agora.
- Developed REST APIs and a Moodle plugin using PHP, Laravel, and AJAX for seamless document transfer to AGORA.
- Built and hosted dynamic and static websites using HTML5, CSS3, JavaScript, jQuery, Bootstrap, and PHP.
- Handled DNS management, domain setup, SSL certification, and website deployment.
- Implemented SEO strategies, boosting traffic, visibility, and leads by 40%.

EDUCATION

Autonomous University of Yucatan | 2018 - 2022

Bachelor of Software Engineer
3.79/4 GPA - 90.85 Overall Avg.

CERTIFICATIONS

Agile Foundations

Accenture - May 2024

CyberOps Associate

Cisco - Dec 2022

Python Specialized Program

Coursera - Oct 2022

Foundations Of Project Management

Google - Oct 2022

AWS Academy Cloud Foundations

AWS - May 2022

Git And Github Course

Platzi - April 2021

LANGUAGES

Spanish - Native

English - Advanced

SOFT SKILLS

Communication

Adaptability

Critical Thinking

Responsible

Leadership

Proactivity

Teamwork

Self learning