

Carlos Javiel Laurencio

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Professional Summary

Software Developer with 6 years of experience in the analysis, design, development, testing and maintenance of multi-tier enterprise web applications and platforms, primarily in finance, security tools, business data management. Strong background in Software Development Lifecycle (SDLC), with a focus on collaborative development, continuous improvement of operational processes, and seamless integration of APIs, third-party services, and databases.

Proficient in writing clean, efficient, and well-tested code through pair programming, code reviews, and agile practices.

Skills & Technologies

PROGRAMMING & FRAMEWORKS:

- .NET Framework, ASP.NET, Visual Studio, C#, Java, Kotlin, Android Studio

WEB DEVELOPMENT:

- JavaScript, HTML5, CSS3, AJAX, jQuery, Node.js, React.js, TypeScript, React-Admin

DATABASES:

- MySQL, PL/SQL

TOOLS & PLATFORMS:

- Git, GitHub, Bitbucket, Microsoft Azure

Experience

NATIONAL EMPLOYEE BENEFITS ADMINISTRATORS, INC. (NEBA) | JANUARY 2023 – PRESENT

- Design, develop, and maintain intranet web applications using .NET technologies to streamline internal file management processes across departments.
- Write, optimize, and refactor complex SQL queries to improve data retrieval performance and support business operations.
- Consolidate and unify functionalities within the intranet platform by integrating web APIs previously used through Glover for payment processing, and recreating legacy programs in modern languages such as Python.
- Collaborate with cross-functional teams to analyze departmental workflows and deliver web-based solutions that automate and simplify tasks.
- Build and deploy simple mobile applications to extend intranet functionalities and enhance accessibility for users.
- Participate in code reviews, documentation, and continuous improvement of development practices to ensure high code quality and system scalability.

FDOT DISTRICT 4 | MARCH 2022 – DECEMBER 2022

- Developed, tested, documented, and implemented new features, updates, and commits within a .NET environment using SQL Server Management Studio and Microsoft tools (Outlook, Azure, Planner, OneNote).
- Built new components across multiple web platforms, leveraging technologies such as React-Admin, Razor, MVC4, Data Binding, and jQuery.
- Gained full-stack knowledge of the system architecture, including database structures, client-facing applications, and the integration of security tools across platforms.
- Led the migration of legacy systems to updated platforms, including upgrading React-Admin applications to version 4 and optimizing Internet Explorer-based platforms for compatibility with Microsoft Edge.
- Actively gathered and analyzed client requirements to design and deliver effective technical solutions.
- Managed and maintained Git repositories, promoted best practices in version control, and fostered collaboration by breaking down large projects into smaller, manageable tasks across the development team.

ENHANCE IT | PETSMART APP | DECEMBER 2020 – FEBRUARY 2022

- Developed and maintained the Android application using Android SDK with Java and Kotlin in Android Studio.
- Integrated back-end services by implementing RxJava, Coroutines, and Retrofit to consume RESTful APIs, handle JSON responses, and manage multithreading for optimized app performance.
- Built modular UI components using Fragments, ViewModels, and LiveData with Jetpack libraries to ensure maintainability and scalability.
- Designed and executed automated UI integration tests with Espresso, and improved code reliability by writing comprehensive Unit Tests with JUnit and Mockito.
- Implemented Material Design principles, utilizing RecyclerView, ActionBar, and CardView to enhance user interface consistency and responsiveness.

JUNIOR SOFTWARE DEVELOPER

AXELA TECHNOLOGIES | APRIL 2019 – NOVEMBER 2020

- Developed and maintained a full-stack web application to manage condominium associations and homeowners' information.
- Analyzed, designed, implemented, and maintained application code across both new features and enhancements to existing systems.
- Improved system stability, reliability, and performance by optimizing in-application SQL statements and designing user-centric database structures.

- Integrated Zillow API to retrieve real estate and mortgage data relevant to client profiles, enhancing platform functionality.
- Implemented email management features using Rebex libraries, enabling automated and manual communication flows.
- Developed and deployed Azure WebJobs via the Azure Portal to handle background processing tasks.
- Participated in the setup and configuration of Microsoft Azure cloud services to support application scalability and performance.
- Built a data import module to efficiently process and ingest bulk transaction files in XML format.
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JUNIOR SOFTWARE DEVELOPER

SOUTH CONSULTING SIGNATURE S.A. (CHILE) | APRIL 2018 – MARCH 2019

- Developed a new electronic billing system for all company clients, leveraging Microsoft Azure cloud services to ensure scalability and reliability.
- Maintained and enhanced the existing web platform by adding new features, fixing bugs, and improving overall system performance based on client requirements.

FRONT END DEVELOPER

PORTAL PLAZALUD (CHILE) | DECEMBER 2017 – MARCH 2018

- Developed user interfaces for the company's web applications, delivering responsive and user-friendly experiences across all customer platforms.
- Created and maintained detailed system documentation to support development, testing, and future maintenance processes.

Education

BACHELOR'S DEGREE IN SOFTWARE DEVELOPMENT | 2018 2020 | UNIVERSIDAD SAN SEBASTIÁN, SANTIAGO, CHILE

ENGINEERING SCIENCES | 2013 2017 | UNIVERSIDAD SAN SEBASTIÁN, SANTIAGO, CHILE