

Carlos Javiel Laurencio

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Professional Summary

Software Developer with 5+ years of experience designing and maintaining secure, scalable web and mobile applications across finance, insurance, and data management industries. Skilled in full-stack development using .NET, SQL, React, and Android. Strong background in SDLC, API integration, and process automation. Proven ability to collaborate in Agile teams, improve performance through optimized queries, and modernize legacy systems for enhanced productivity.

Skills & Technologies

LANGUAGES & FRAMEWORKS:

.NET (C#), Java, Kotlin, ASP.NET, Razor, MVC, Node.js

WEB:

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

MOBILE:

Android SDK, Jetpack (LiveData, ViewModel, Fragments), RxJava, Coroutines

DATABASES:

SQL Server, MySQL, PL/SQL

DEVOPS & CLOUD:

Azure, Azure WebJobs, Git, GitHub, Bitbucket, CI/CD pipelines

TOOLS:

Visual Studio, Android Studio, SSMS, Postman, JIRA, Microsoft Planner

Experience

NATIONAL EMPLOYEE BENEFITS ADMINISTRATORS, INC. (NEBA) | JANUARY 2023 – MAY 2025

- 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.

Education

BACHELOR'S DEGREE IN SOFTWARE DEVELOPMENT

UNIVERSIDAD SAN SEBASTIÁN – SANTIAGO, CHILE | 2018 – 2020

STUDIES IN ENGINEERING SCIENCES

UNIVERSIDAD SAN SEBASTIÁN – SANTIAGO, CHILE | 2013 – 2017