Jamiro Manriquez

Software Engineer

- *With over 3 years of specialized experience in Android development, I have strong expertise in **Kotlin**, **Jetpack Compose, and XML**. My focus is on delivering efficient and high-quality solutions, utilizing agile methodologies like **Scrum** to ensure effective team collaboration.*

- *I have led the full development cycle of mobile applications, from conception to deployment, working on a variety of projects including **Mobile and Web platforms.***

  *Additionally, **I am committed to continuous improvement and am exploring** new areas of artificial intelligence and machine learning to further expand my skills and contribute to the Software.*

- *As an effective communicator and passionate team player, I am excited about the opportunity to bring my experience and dedication to your team.*

Development

Software Architecture
Design/ Reverse Engineering/
Design Patterns
Kotlin/ Java/ XML/ Android
Jetpack/ Gradle/ Groovy
MVVM and MVP

Technical Documentation
Report s/ Proposals/ SRS
JavaScript / HTML/ CSS/ React

RDBMS
Room Persistence/ Firebase
Integration Services
SQL Server, SQL, SQLite, MySQL

Methodologies
Agile and Scrum

Testing Tools
Junit, Espresso,UI Automator,
Mockito

Frameworks
Jetpack Compose,
Retrofit,
Room Persistence,
Firebase,
Coroutines,
Dagger Hilt,
Glide

Spring/ Spring.NET
JUnit
Shark Workflow
Hibernat e/ NHibernat e/ JPA

Applications/ Web Servers
Firebase
Spring Boot
Expres.js

Development Tools
Git / Git Hub/ Git lab/ AndroidStudio/ Firebase console

Operating Systems
Microsoft Windows
Linux/ Ubuntu/ Mint/ LocOs/ etc.

Experience

Platform for Employment Management

Project Role Description	**Software Engineer** An online platform for employment management aimed at facilitating interaction between candidates and managers. The project enables users to register accounts, manage CVs, search for vacancies, apply to vacancies, create, and manage vacancies. search for candidates, and communicate with other users. It supports different roles with specific permissions such as candidate, manager, and admin.
Customer	Softserve
Duration	3 months

Responsibilities

Architecture and design: Contributed to the design and architecture of the platform, ensuring scalabilit y and usability.

Knowledge sharing: Provided guidance and support to the team, fostering a collaborat ive environment.

Requirements analysis and clarification: Collaborated with stakeholders to gather and clarify project requirements, ensuring alignment with business objectives.

Estimation, prioritization, and distribution of tasks: Assisted in task prioritization and distribution to ensure timely project delivery.

Code development : Developed backend and frontend features using Kotlin, React , and Spring, adhering tobest practices and coding standards.

Unit testing: Wrote unitt ests to ensure the reliability and functionality of the implemented features.

Integrated testing: Conducted integrated testing toverify the seamless interaction of different components and features.

Development build and deployment scripts: Implemented build and deployment scripts to automate the deployment process and streamline development workflows.

Product support and documentation maint enance: Provided on going support for the product and maint ained document ation to ensure accuracy and relevance.

Project Team Size

4 team members

Tools and Tech

Kotlin, React , Spring Framework, Spring Security, PostgreSQL, JWT (JSON Web Token), Docker, JVM, Postman, API rest , Gradle, CRUD, IntelliJ IDEA, Git , Git Hub, Agile Methodologies, JUnit tests / Mockito, Trello and draw.io.

Platform for Employment Management

Project Role Description	**Backend developer engineer**
	Enhanced the Trips Service for Expedia Group by integrating a new Destination API, improving the quality of destinations detail and images for a better user experience.
Customer	ExpediaGroup
Duration	3 months

Responsibilities

API Integration
Connected the Trips Service with a new API to fetch high-quality images and detailed information about travel destinations.
Improved the accuracy of destination details by adding a feature to convert airport codes into specific location IDs.

Testing and Validation
Ensured the new features worked correctly through extensive testing and validation processes.
Created user-friendly documents to verify that all functionalities were correct before going production.

Feature development
Developed new capabilities to filter out irrelevant data, ensuring the destination informat ion provided was accurate and useful.
Enhanced API request handling by adding necessary details to the requests.

Collaboration and Coordination
Worked with different teams to underst and specific brand requirements and restrictions.
Coordinated with team members for reviews and approvals and participated in demonstration sessions to show case new functionalities.

Project Team Size

4 team members

Tools and Tech

Kotlin, React , Spring Framework, Spring Security, PostgreSQL, JWT (JSON Web Token), Docker, JVM, Postman, API rest , Gradle, CRUD, IntelliJ IDEA, Git , Git Hub, Agile Methodologies, Unit tests, Integrated tests, Trello and draw.io.

Experience

Android application for security purposes

Project Role Description	**Android Engineer**

Developed a hybrid **mobile application** focused on worker management, enabling users to register, access the phone's camera, and utilize an internal gallery built with Room database. The app also featured a real-time chat system for sending photos, audio messages, and creating personalized schedules. Leveraged Flutter for the frontend and JavaScript for the backend to deliver a comprehensive and user-friendly solution for workforce administration.

Customer
CIB (Consultants In Blockchain)

Duration
3 months

Responsibilities

Led the design and implementation of the entire application interface, ensuring a seamless user experience across all views.
Developed all frontend components using Flutter, crafting intuitive and responsive user interfaces.
Engineered the application's business logic, integrating it seamlessly with the backend to support features such as real-time chat, photo and audio sharing, and personalized scheduling.
Collaborated closely with backend developers to ensure efficient data flow and functionality alignment, optimizi
Conducted thorough testing and debugging of the frontend to ensure a smooth and error-free user experience
Managed the integration of device-specific features, such as camera access and internal storage, ensuring compatibility across various devices.
Provided ongoing maintenance and updates post-launch to enhance the application's features and usability based on user feedback and evolving requirements.

Project Team Size
3 team members

Tools and Tech
Flutter
JavaScript
Room Database
RESTful APIs
Git
Visual Studio Code
SQLite
Dart

Certifications	The Complete 2023 Web Development Bootcamp July 27, 2023	
	DEVELOPMENT, DESIGN, AND ARCHITECTURE OF MODERN SOFTWARE SYSTEMS BASED ON OBJECT- ORIENTED LANGUAGES. JAVA	
Education	I pursued Computer Engineering at Universidad Andres Bello in Santiago, Chile, where I gained a comprehensive understanding of software engineering principles and practices. I keep developing my abilities, creating applications, and contributing to the community I genuinely enjoy solving algorithms and designing system architectures.	