

Saidel Lopez

Software Engineer

Summary

- Software Engineer with over 16 years in the field, including more than 7 years as an Android Developer and 3 years as a Client Director. I've worked on projects at both national and international levels, consistently prioritizing collaboration with different teams and maintaining open communication with all stakeholders. My experience includes managing multiple teams, accounts and designing solutions for challenging environments with limited infrastructure and network connectivity.

Technical Skills

Programming Languages	Kotlin, Android, Java, JavaScript, PHP,
Frameworks/Libraries	Android SDK, Jetpack, Material Design, RxJava, RxKotlin, Coroutines, Retrofit, Dagger, UML, Glide Appium, Spring, Struts 1 & 2, Hibernate
Database Management	SQLite, PostgreSQL, MySQL, MongoDB, Cassandra, Oracle
Tools	Android Studio, Firebase, Stetho, Rest APIs, Apache HTTP, Apache Tomcat, GlassFish, Git, SVN, Linux
Skills/Methodologies	Program Management, Design Patterns, Agile, Scrum

Work Experience

Mar 22 - Present	Client Director and Engineering Manager at Encora
Description	<ul style="list-style-type: none"> <li>• Currently Coaching 56 engineers from USA, Mexico, Argentina, Costa Rica, Colombia, and India.</li> <li>• Management of 17 accounts in Logistics, Travel, Healthcare, Last Mile Delivery, Education, Energy, among others.</li> <li>• First approach during Kickoff Meetings with new accounts as facilitator and technical advisor to define expectations, conditions of work, tools and job descriptions.</li> <li>• Creations of SOW, MSA, and EAF contracts with new clients for projects, collaborations, products and services.</li> <li>• Implementation of Performance Improvement Programs (PIP) with engineers.</li> <li>• Planning onboardings/offboarding of engineers in teams.</li> <li>• Byweekly checks on managers to track team health and possible solutions to emerging situations</li> <li>• Weekly meetings with engineering teams to provide announcements, follow up topics, and scalate situations with managers.</li> <li>• 1 on 1 meetings to keep on track with engineer's workload and mental health follow up</li> <li>• Performance and Salary reviews</li> <li>• Keep healthy finances withing the accounts.</li> <li>• Help delivery team to present the right candidates to accounts</li> <li>• Assigning roles, follow up time offs, holidays and emergencies of engineers.</li> <li>• Presenting Encora capabilities on Gen AI, Cloud and Data</li> <li>• Coordinating engineers travel to HQ's</li> <li>• Creation of fiscal reports, use cases and industry/account updates</li> <li>• Performing interviews on new candidates on Android</li> <li>• Setting challenges and projects in Encora Internship Program (Spark)</li> <li>• Help developers in the bench to improve their technical and communication skills</li> <li>• Working as a manager in internal products and accelerators</li> </ul>
Technology	Account Management, Program Management, Coaching, Finances

Nov 19 – Mar 22	Android Developer at Crew App
Description	<ul style="list-style-type: none"> <li>• Created and implemented strategies to update legacy code from Java to Kotlin</li> <li>• Created Proof of Concepts of Coroutines to start new implementations</li> <li>• Worked in continuous performance improvements</li> <li>• Helped on define and document best practices and code agreements</li> <li>• Implementation and Demo of new features</li> <li>• Stablish documentation in Confluence</li> </ul>



Technology	Android, Java, Kotlin, Coroutines, Jetpack, RxJava, Jira, Confluence
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Feb 15 - Nov 19	Android Developer at Harvestmark
Description	<ul style="list-style-type: none"> <li>- Created and implemented a strategy to update all the legacy code from Eclipse version to Android Studio</li> <li>- Implemented internationalization for the app</li> <li>- Created documentation for users of the app in English and Spanish</li> <li>- Documented processes in Confluence and described app functionalities with UML.</li> <li>- Improved performance of In-built scanners</li> <li>- Improved performance of all the queries in database to reduce memory usage and response times.</li> <li>- Presented results every month of the app's performance in general</li> <li>- Update camera functions</li> <li>- Implemented a new version of the whole app to be used in Chinese territory</li> </ul>
Technology	Android, Java, Kotlin, Espresso, Glide, Google Services, OKHTTP, SQLite, Eclipse, Android Studio, Github

Feb 14 - Jan15	Fullstack Engineer at Switchfly
Description	<ul style="list-style-type: none"> <li>• Developed integrations for Hotel, Travel and Activities for Disney</li> <li>• Improved the automation tests of the platform</li> <li>• Participated in an internal hackathon with a reduction of times of response</li> <li>• Created PoC to show once per month to new joiners</li> </ul>
Technology	Java, Coldfusion, JSP, Servlets, Ember.js Javascript, Maven, IntelliJ IDEA, Spring, HTML, Hibernate, Apache Web Server, Apache Tomcat, PostgreSQL, MySQL, API, GIT, Github



Jan 08 – Dec 13	Lead Developer and Project Manager at Ondore Inc.
Description	<ul style="list-style-type: none"> <li>• Worked as an account Manager for small projects with Secretaría de Energía, InMujeres, Secretaría de Educación Pública, and Secretaría de Gobernación for President of Mexico official page</li> <li>• Project Manager of the engineering team (5 developers, 1 designer, 1 QA)</li> <li>• Created and presented performance plots and statistics of the team</li> <li>• Worked as a Scrum Master in our first implementations of Agile methods.</li> <li>• Implemented a system that measured sentiment in social media (Twitter, Facebook, Pinterest) of Mexican brands (TV Azteca, CEMEX) and politicians of Cámara de Diputados and Partido Acción Nacional.</li> <li>• Defined architecture and implementation of Retewi Project (Healthcare) for Telefonica Movistar</li> <li>• Defined architecture and implementation of the discovery feature of Ideas Radio (Music) for Telcel</li> <li>• Defined architecture and implementation of a Web Crawler and a search engine for Secretaría de Energía and Secretaría de Gobernación (Mexican Government)</li> <li>• Created a PoC of search Engine for Universidad de Colima</li> <li>• Created full applications as proof of our search engine for partner seeking (like match dot com), Movie To Watch (like IMDB's What to watch feature) and Places To Visit based in you Tweeter posts (like Trip Advisor)</li> <li>• Created a small app in PHP to train the AI Engine in English and Spanish languages</li> <li>• Created from scratch a search engine based on Google's white pages and AI.</li> </ul>
Technology	Java, Python, PHP, JavaScript, Backbone, JSP, Struts 1 & 2, Spring, HTML, CSS, Hibernate, Apache Web Server, NginX, Apache Tomcat, PostgreSQL, MongoDB, Netbeans, Eclipse, Project Management, Scrum Master, Project Management, SVN, GIT

## Education

- 2008, BS Computer Science, UNAM

## Certifications

- 2014, Scrum Master, from Scrum Master Alliance

## Blog

- [Today I Learned @ Medium](#)

## Courses

- In Progress: [AWS Cloud Technical Essentials](#)
- In Progress: [Professional Life Coach Certification & Guide \(Accredited\)](#)
- In Progress: [AI Software Testing with Google Gemini](#)
- [Project Initiation: Starting a Successful Project](#)
- [Foundations of Project Management](#)
- [Metadata: Organizing and Discovering Information](#)



- [Inspiring Leadership through Emotional Intelligence](#)
- [Developing Innovative Ideas for New Companies:The First Step in Entrepreneurship](#)
- [How To Build Tinder Clone with React Native & Firebase](#)
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- [Build A TodoList with Kotlin, Spring Boot and React](#)

