# Daniel Rodriguez – Mobile Solutions Architect

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Citizenship: U.S. Citizen

Location: Aubrey, TX, 76227

### Summary

Innovative Mobile Solutions Architect with a track record of designing and implementing **mobile strategies** that align with business objectives. Recognized for expertise in architecting end-to-end mobile solutions from conceptualization to deployment, optimizing performance, and ensuring optimal user engagement for customer-facing applications. Proficient in leveraging the latest technologies and committed to create intuitive and responsive mobile applications. Experienced in collaborating with cross-functional teams, **providing technical leadership**, and driving successful project execution within strict timelines and budgets.

### Accomplishments

* Successfully architected, proposed, and led the cross-functional team in the development of the Children’s Health flagship mobile application.
* Took the lead in enhancing Norwex’s mobile application, identifying key areas for improvement and leading the team in the development and implementation of new features.
* Successfully architected and led the development team in the creation of a customer care center application for Toyota Motors North America.

### Technical Skills

**Technologies**

Javascript, Node.JS, Ionic, Express.js, Angular, React, React Native, GraphQL, CICD, Azure, AWS, Firebase, Ionic Appflow, HTML5, CSS3, REST, Github, Github actions, Atlassian.

**Programming Languages**

Javascript, Typescript, C, C++, PHP.

**Databases**

NoSql, MongoDb

### Work Experience

#### Children’s Health Systems of Texas

Aubrey, TX.

*Mobile Solutions Architect January 2023 – Present*

**Technologies**

React, React-Native, Typescript, Node.js, Github actions, storybook, Azure, AWS, GraphQL, Detox, iOS, Android, Kotlin, Java, Swift

* Successfully led cross-functional teams of developers and designers in the creation and enhancement of multiple applications, including Children’s Health Mobile app and Diabetes Advisor.
* Defined architectural strategies and best practices for mobile application development, ensuring scalability and performance optimization.
* Collaborated with stakeholders and product owners to understand business needs and translated them into technical requirements and solutions.
* Conducted code reviews, implemented DevOps practices, and maintained high coding standards.
* In charge of research and elaboration of digital architecture using sequence diagrams to ensure technical delivery using the latest mobile technologies.
* Designed and enhanced processes to facilitate communication between internal teams and external teams.
* Provide mentorship to Junior and Senior team members, supporting their professional growth and skill development.
* Developed backend architectures using the latest technologies to enhance performance.
* Work closely with software engineering teams to provide feedback and enhance enterprise architecture.

#### Lessen Inc.

Aubrey, TX.

*Lead Mobile developer April 2022 – December 2022*

**Technologies**

React, React-Native, Typescript, Node.js, NestJS, MongoDB, Github actions, redux, storybook, Fullstory, AWS, GraphQL, Jest, Detox, iOS, Android, Java, Swift, Kotlin

* Successfully designed, developed, and implemented various processes and best practices to streamline operations and improve overall efficiency.
* Provide guidance and assistance to development and operational team members.
* Be an active member of the Development team to contribute to team dynamics, ways of working and assisting with improvement opportunities.
* Design and architect mobile features, as offline support and app metrics.
* Successfully implemented and optimized deployment processes using tools such as Github actions, app store/play store and appcenter to ensure efficient and reliable software delivery.
* Develop native app components for iOS and Android using Swift and Java/Kotlin

#### Norwex

Coppell, TX.

*Lead Mobile developer January 2021 – April 2022*

**Technologies**

Ionic 6, Angular 13, Typescript, Sass, PHP symfony backend, Firebase, NGRX, RXJS, Internationalization, Capacitor, AWS, Android, iOS, Ionic Appflow, Gitlab, Cypress, Tailwind CSS

* Develop, test, implement and maintain mobile application software working with established processes and best practices.
* Provide guidance and assistance to development and operational team members.
* Be an active member of the Mobile Application Development team to contribute to team dynamics, ways of working and assisting with improvement opportunities.
* Work closely with business partners, project managers and team members to clearly define scope of work and provide accurate schedule estimates.
* Establish methods for mobile application development within dev, test, prod environments for consistent methodology across releases using Gitlab and Appflow for CI/CD build process.
* Manage activities of team members using agile development methodology.
* In charge of the Australia/New Zealand app **internationalization** and release.
* Work closely with the backend team to connect APIs to the mobile application.
* Created AWS Lambda functions for data management.
* iOS and Android app development using IONIC framework and Tailwind CSS for styling.

#### Toyota Motors North America

Cognizant, Plano, TX.

*Senior associate, Full Stack developer April 2018 – January 2021*

**Technologies**

Angular 8, Typescript, HTML5, CSS3, Sass, Bootstrap 4, Nginx, GraphQL, Docker, Azure, Ionic, Apache Cordova, Ionic, React Native

* Led the architecture and development of a Telematics support tool.
* Successfully led the rebranding initiative for a Telematics support tool, overseeing the redesign of the user interface, updating branding guidelines, and implementing a new marketing strategy.
* Worked closely with the **Digital Architecture** team to ensure best practices during the software development lifecycle.
* Successfully implemented agile methodologies such as Scrum and Kanban to improve project efficiency and delivery.
* Migrated the web application using mobile technologies like ionic framework and React Native
* Implemented development best practices to improve code quality and maintainability.
* Successfully migrated the REST api to **GraphQL** using **Apollo Server** and **Apollo Client.**

#### Thomson Reuters

Cognizant, Carrollton, TX.

*Senior associate, Front end developer March 2017 – April 2018*

**Technologies**

AngularJs, HTML5, CSS3, LESS, Node.JS, React

* Developed UI application features with **AngularJs and HTML5** including **Unit tests** for the features.
* In the project I created custom directives and components with AngularJS to extend the functionality of the features.
* Developed using **Scrum Agile** methodology.
* The project uses **Wijmo** to display data grids.
* In this project we use **BENTO.UI** as the style framework and **LESS** as **CSS3** preprocessor.
* With the BENTO.UI framework the features developed are **responsive**.
* The development project is based on a **Node.js** application using **GRUNT** as task runner.
* Developed APIs endpoints using **Node.js** and **Express**
* This project uses **GIT** as a version control system.

#### AT&T

Infosys, Richarson, TX.

*Senior associate, Front end developer August 2016 – March 2017*

**Technologies**

AngularJs, HTML5, CSS3, LESS, Bootstrap 3

* In charge of the development of several **AngularJs** pages of the project, developing the logic to consume the data from a **JAVA** api, and using the AT&T styles framework using **LESS** as css preprocessor.
* Develop using **Scrum Agile** methodology
* Migration of the project from **SVN** structure to **GIT**.

#### Other Experience

**Syscom** - Support Engineer - January 2015 - August - 2016

**Buildbinder** - Mobile Developer - August 2015 - December - 2015

**Xpectare** - Mobile/Full Stack Developer - December 2014 - August 2015

**SaentiGlobal** - Full Stack Developer - 2011 - 2016

### Education

**Chihuahua technology institute (Instituto Tecnológico de Chihuahua)**

*Chihuahua, Mexico*

*Electronics Engineering / Bachelors January 2009 – July 2014*

### Languages

* English - Fluent
* Spanish - Native