

# CARLOS R. RANGEL

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Portfolio: <https://crangel-portfolio.vercel.app>  
Github: <https://github.com/CarlosRangel17/>

Solution-oriented Full-Stack engineer that specializes in mobile-first web apps, web services design, and user-centric designs that translate customer experience into business value.

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## PROJECTS

### DELIVERY TRACKER

An app that provides real time shipment tracking for customers with an integrated Google Map. Adheres to customer privacy, security, and accessibility.

### MATTRESS FIRM COMPONENT LIBRARY

A robust component library used for Mattress Firm's React applications, and adhere to best practices, web accessibility, and performance

### MATTRESS MATCHER

A quiz and recommendation app that takes the guesswork out of mattress shopping and matches the best products as recommended by Sleep Experts.

### PRICE MATCHER

An internal app that provides daily competitive pricing for in-store Sleep Experts to beat competitor prices and land PoS with customers.

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## WORK EXPERIENCE

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#### MANAGER CONSULTANT

Mattress Firm & Allied Pilots Association | Jan 2021 – Present

- Advocate and transform business requirements to transition E-Commerce site from Salesforce to Next.js/React apps such as [Delivery Tracker](#) and [Mattress Matcher](#)
- Revamp site performance metrics covering best practices, SEO and WCAG AA accessibility
- Collaborate with Project Managers and UX team to deliver accessible, user-centric solutions
- Spearhead concurrent clients while mentoring 5 Sogeti team members on consulting practices
- Integrate unit testing using Jest/Cypress that meet optimal code coverage standards

#### SENIOR CONSULTANT

Mattress Firm & Allied Pilots Association | Jan 2019 – Dec 2020

- Lead developer for 12+ .NET Accounting apps that manage client's fiscal budget & pilot expenses.
- Trained and mentored 5 developers on technologies like C#, .NET MVC, SQL, and Web Services
- Prototype and develop mobile-first solutions for pilot facing applications using .NET Core, AngularJS, & Bootstrap 4.
- Architect technical documentation in Azure DevOps, and leveraged TFS API with PowerShell to automate dev environment setup

#### CONSULTANT

Allied Pilots Association | Apr 2017 – Dec 2018

- Migrate legacy VBA applications to .NET Framework MVC, and Web API services
- Facilitate training & feedback workshops with stakeholders to onboard with new Accounting apps.
- Architected in-house .NET WPF's and libraries that saved over \$20K of outsourcing costs
- Research and implement automation strategies leveraging Azure DevOps and CICD.

### AYOKA SYSTEMS

#### LEAD WEB APPLICATION DEVELOPER

Feb 2016 – Apr 2017

- Lead development teams of 1-3 interns on new and inherited .NET MVC Web apps
- Architect .NET MVC web apps from the ground up while working closely with stakeholders
- Groom, plan, and code review technical assignments submitted by development teams

#### WEB APPLICATION DEVELOPER INTERN

Jun 2015 – Jan 2016

- Collaborate with senior developers to deliver web app solutions using C#, .NET MVC 5, and SQL
- Learn new technologies such as MongoDB and Django REST framework to meet critical deadlines
- Provides continuous code delivery using Git Repositories with a team of 5 developers
- Awarded Top Developer recognition (Dec 2016) out of 20 developers for outstanding performance

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## TECHNICAL SKILLS

- JavaScript, TypeScript
- ReactJS, AngularJS
- Angular, jQuery
- C#, .NET, SQL
- Next.js
- NodeJS
- HTML5, CSS3, SASS
- Brightspot, Salesforce, D365
- Jest, Cypress, Google Analytics

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## EDUCATION & CERTIFICATIONS

<b>B.S. Information Systems</b>	University of Texas at Arlington, TX   Dec 2015
<b>Enterprise Design Thinking Practitioner</b>	IBM   Oct 2020
<b>Google Cloud Platform Fundamentals: Core Infrastructure</b>	Coursera   May 2020
<b>Exam 480: Programming in HTML5 with JS and CSS3</b>	Microsoft   Sep 2019
<b>Blockchain for Business - An Introduction to Hyperledger Technologies</b>	edX   Sep 2018