

CARLOS R. RANGEL

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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.

PROJECTS

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.

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

PRICE MATCHER

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

WORK EXPERIENCE

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MANAGER CONSULTANT

Mattress Firm & Allied Pilots Association | Jan 2021 – Present

- Architected new web apps like [Massage Matcher](#) and [Delivery Tracker](#) (transitioning from Salesforce to Nextjs). Performance on these pages went from under 30 to above 90s (Lighthouse scores, desktop).
- Trained and mentored 10 developers on technologies like React, Nextjs, Typescript, Jest, Docker, CI/CD, [Component library](#), Brightspot CMS, Security. Leading the charge implementing the new tech.
- Collaborate with Project Managers and UX team to deliver accessible, user-centric solutions
- Revamp site performance metrics covering best practices, SEO and WCAG AA accessibility
- Spearhead concurrent clients while mentoring 12 Sogeti team members on consulting practices

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

TECHNICAL SKILLS

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

EDUCATION & CERTIFICATIONS

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