

Abraham Cepeda

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Education

Monterrey Institute of Technology and Higher Studies

Graduating in June 2023

- Bachelor of Science in Computer Science and Technology Engineering (ITC) - GPA: 95/100

Skills

Proficient: ReactJS, NodeJS, NextJS, C++, Python, JavaScript, Swift, HTML, CSS, Git, Firebase
Intermediate: C#, MATLAB, R, TypeScript, Flask, SQL, React Native, MongoDB, AWS, PostgreSQL
Beginner: PHP, VueJS, Java, Machine Learning, TensorFlow

Professional Experience

Founder and web developer

Monterrey, Mexico

DFuture Web Development (<https://dfuture.tk/>)

June 2017 - present

- Led the interaction with all the clients, which required several meetings to understand their needs.
- Led the development of numerous web applications using React or Next.js with either Firebase or MongoDB.
- Developed over eight complete projects ranging from e-commerce sites, blogs, landing pages, and web applications.

IT intern

Monterrey, Mexico

Tecnologico de Monterrey

August 2020 – February 2022

- Built data analysis algorithms with R to generate reports regarding Covid19 for the university's executives.
- Led the development of a web application to visualize the results of the 2020 Mexico elections using React, Mapbox, and AWS Buckets (<https://www.mexicovid19.app/elecciones>).
- Led the development of a progressive web application to visualize all Mexico's Covid19 related data in a dashboard using React and Firebase (<https://www.mexicovid19.app/covid-19>).
- Created an administrative site to upload data to a specific web application, reducing 90% of the time required.

Projects

Nutzen website (<http://nutzen.herokuapp.com>)

Spring 2021

- Developed a web application for Nutzen (peanut butter company) with an administrative site including user authentication and content management (recipes and blog), using React and Firebase.

NewsBi website (<https://newsbi.digital>)

Spring and Summer 2021

- Developed a progressive web app for NewsBi (telecommunications company) that provides access to the latest news regarding the industry, using React, Firebase and AWS.
- By personalizing the administrative page, the amount of time uploading the news decreased 30%.

Ternium website (<https://dfuture.tk/ternium>)

Spring 2021

- Led the development of a gamification system that consisted of a web application using React and a videogame using Unity. We built an API in python to connect both systems with a MySQL database.

Marco mobile app (<https://dfuture.tk/marco>)

Spring 2021

- Led the development of an iOS mobile app with Swift and Xcode for the Museum Marco in Monterrey. We also used Realm for a local database and developed an admin panel with React JS, Node JS, and Mongo DB.