

Martin Morales

Software Engineer

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EXPERIENCE

Formation | *Software Engineer Fellow* | Remote Sep 2022 – Present

- Accelerated through a highly-competitive Fellowship program, completing personalized coaching on algorithm analysis, design, and optimization in 3 months
- Participated in a study group led by senior engineers from top companies, learning advanced topics in system design, algorithm analysis and optimization
- Earned the *Rising Tide* distinction award for assisting with teaching programming topics and mentoring others in their technical development

Sogeti USA (Capgemini) | *Software Engineer Consultant* | Chicago, IL Jul 2019 – Feb 2022

- Developed team performance metrics dashboards in Power BI (using DAX) & ServiceNow, improving client reporting efficiency and saving 100+ hours of report generation time
- Designed and developed "About Us", "FAQs", and "Gallery" pages for [Feed our Flock](#), helping relieve poverty for local communities
- Collaborated with a team in migrating organization website from HTML/CSS to WordPress

Professional Benefit Admin. | *Software Engineer* | Chicago, IL Jul 2018 – Jun 2019

- Collaborated with a team of 3 in migrating critical data transmission processes to RPA Platform Automate10, integrating data from both SQL and PostgreSQL servers
- Optimized 20+ projects in .NET Core MVC (C#), SQL & PostgreSQL (Stored Procedures), Automate10, and Legacy scripts (Pick/BASIC), processing claims data for 100+ clients

PROJECTS

ChordSearch | [GitHub](#) | [Deployment](#) Oct 2022

Technologies: Node.js, MongoDB, React.js, Express.js, AWS Lambda

- Developed a React web-based search platform using HTML Canvas diagrams, displaying chord finger placement for guitar players
- Designed and implemented a serverless REST API using AWS Lambda and ExpressJS, integrating data from both a MongoDB database and third-party API
- Created a component allowing users to add custom guitar chord data to the MongoDB database, through a form input and interactive HTML Canvas grid

Quickbnb - Airbnb Search | [GitHub](#) | [Deployment](#) Oct 2022

Technologies: Node.js, React.js, EmailJS

- Developed a web-based platform using React, simplifying the search experience for Airbnb listings. Designed both the frontend and the backend for this application
- Designed a feature allowing users to search via a form using minimal criteria (location, check-in/check-out dates, number of guests)
- Set up the functionalities to retrieve and display data from a third-party API endpoint
- Implemented a feature for users to select multiple listings and share them with multiple email addresses, using the EmailJS service

EDUCATION & CERTIFICATIONS

AWS Certified Cloud Practitioner Jan 2023

Amazon Web Services

Dominican University | River Forest, IL 2015 – 2019

B.S. in Computer Science

SKILLS

Languages: JavaScript, SQL

Frameworks: React.js, Node.js

Databases: MongoDB, MS SQL

Natural Languages: English, Spanish

Soft Skills: Leadership, Communication, Adaptability, Collaboration