# 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 Tid*e 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

**To Do - Advanced Task Manager** | [GitHub](#) | [Deployment](#)                Feb 2023
*Technologies: Next.js, AWS (AppSync, Amplify, DynamoDB), GraphQL, NextAuth.js*
- Developed a web-based task management interface using Next.js and AWS AppSync, that allows for the real-time creation, update, and deletion of user logged tasks
- Designed a feature leveraging NextAuth.js to allow users to log in using their Google account and save data for future user-logged sessions
- Set up the functionalities to retrieve and display real-time user data from a GraphQL endpoint connected to an AWS DynamoDB

**ChordSearch** | [GitHub](#) | [Deployment](#)                                Oct 2022
*Technologies: Node.js, MongoDB, React.js, Express.js, REST, 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

## 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                     **Natural Languages:** English, Spanish
**Frameworks:** React.js, Next.js, Node.js          **Soft Skills:** Leadership, Communication,
**Databases:** MongoDB, MS SQL                                      Adaptability, Collaboration