Amado Lazo III (Software Engineer)

[LinkedIn](#) | (361)-209-3665 | [Github](#) | [Portfolio](#) | lazoali98@gmail.com

EDUCATION

Texas A&M University-Corpus Christi (TAMUCC)   **May 2020 - Aug 2023**
Bachelor of Computer Science, concentration of Systems Programming
Core: Data Structures, Algorithms, Project Management, Database Management Systems, Object Oriented Programming

Coastal Bend College Beeville, TX (CBC)
Associates of Applied Sciences   **Jan 2016 – April 2020**

PROFESSIONAL EXPERIENCES

CareForge AI – *Software Developer*   **Aug 2023 – Onwards**
- Collaborating within a team using **ReactJS**, **Python**, **JavaScript**, **NodeJS** and **PostgreSQL** to develop the application.
- Engaging in regular Slack communication for effective collaboration and real-time project updates.
- Implementing **UI/UX** best practices to ensure seamless navigation, accessibility, and user engagement.
- Participating in project meetings to discuss progress, brainstorm ideas, and ensure alignment with project goals.
- Contributing to our **Full Stack development** team refining **SQL queries** in **Python** using **SQL Alchemy**.
- Took **initiative** to setup a code review process, improving code quality and reducing bugs by 10%.
- Integrating in house **AI** to create a chatbot that enhances user engagement and provides intelligent responses.

TEKsystems, State of Texas DMV – *Travel Technician (Systems Administration 1)*   **Oct 2023 – Feb 2024**
- Collaborating within a dynamic IT team, leveraging **Microsoft Teams** for efficient project coordination.
- Installed and configured **Fortinet** networking hardware, including advanced routers and switches across various counties in Texas. This role was part of a strategic initiative to upgrade legacy T1 circuits to modern AT&T Fiber Optics.
- Participating in weekly tech meetings to discuss progress and monthly government meetings to assure project scope.
- Collaborated with onsite IT in each county, facilitating the project requirements and further improvements.
- Efficiently managed and resolved IT service requests using **Salesforce** ticketing systems.
- Developed a custom **Excel** function to automate repetitive tasks, boosting team productivity by 86%.

Texas A&M University-Corpus Christi – *Technical Support Specialist Assistant*   **Jan 2021 – Aug 2023**
- Developed software using **Python** and **PowerShell** to streamline departmental workflow improving time for tasks by 90%.
- Developed an inventory **Excel** document which entails insight of department devices increasing available budget by 30%.
- Utilized **Power Queries**, **Power BI**, **SQL,** and **R** to analyze data and improve efficiency over 60%.
- Facilitated **communication** between IT personnel and Telecommunications, resulting in a 50% increase of solving technical problems, while also generating well-articulated support tickets through **ServiceNow**.
- Designed the inventory **Dashboard** which helped the directors to achieve device availability targets from 30% to 50%.
- Developed **SQL Queries** for IT team to ensure the visibility of available devices across all sub-departments.
- Drafted clear and comprehensive **flowchart** Documents using **Visio** that allowed I.T. personnel to implement department device transfers flawlessly, resulting in a 30% rate increase for successful device transfers.

International Business Machines (IBM) – *Software Engineer Accelerate*   **May 2021 – Aug 2021**
- Developed scalable software solutions using a tech stack comprising **MongoDB**, **NodeJS**, **ReactJS**, and **ExpressJS**, effectively meeting project requirements and delivering high-quality products.
- Successfully launched 4 **Full Stack** software applications while maintaining a proper **Time Complexity** of $O(1)$.
- Leveraged **Slack** as a primary communication platform to foster effective collaboration and real-time communication.
- Utilized **Jira** and **Confluence** for efficient project management, enabling the creation of Gantt charts for each project, leading to a streamlined workflow and improved project timelines.
- Leveraged **MongoDB** as the database management system, ensuring efficient data storage and retrieval.
- Employed version control systems (**Git**) to manage codebase efficiently, enabling seamless collaboration.
- Applied **RESTful** API principles to design and develop APIs, ensuring standardized communication between different modules of the application.

CERTIFICATIONS

MongoDB for JavaScript (M220JS)
   MongoDB University—Designed and optimized the Back-end and Front-end of a Netflix clone using MongoDB.

Power BI for Data Analysis
   Udemy—Analyzed data to gain insight, connected and extracted data from the web (**ETL**), and created **DAX** expressions.

TECHNICAL PROJECTS

A.I. Resume Generator (ResuCreate) — PHD-Pivot, 2023
- Led and managed a cross-functional team in developing an **AI** resume builder application, utilizing **OpenAI's GPT-3 API** to generate tailored resumes for job seekers.
- Collaborated closely with client to gather requirements, provide updates, and ensure the project aligned with their vision.
- Implemented **Agile** project management methodologies, utilizing tools such as **Trello**, to tack progress and assign tasks.

DataTrack Pro — IBM Software Engineering Team, 2021
- Built using **JavaScript**, Axios **REST** framework, **Jest** Testing framework, and **ReactJS**.
- Led and diverse **Agile** team assigned by IBM, comprising individuals with distinct roles to successfully deliver this project.
- Allowed the user to search for names in an API database in real-time displaying its findings.

Mflix (Netflix Clone)— MongoDB University, 2022
- Developed a highly responsive app using **MongoDB**, **NodeJS**, **ReactJS**, and **Jest** testing framework.
- Implemented an extensive movie database allowing users to search for movies and retrieve detailed information along with user comments along with creating user profiles.

SKILLS AND INTERESTS

Java	C++	Agile Methodologies	Advanced Excel Knowledge
JavaScript	Power BI	PostgreSQL	HubSpot
C/C++	Python/R	Jira/Trello	CI/CD Development
PowerShell	HTML	MySQL	Confluence
CSS	ReactJS	MongoDB	Object-Oriented Programming
ExpressJS	NodeJS	RESTful API development	Version Control Systems (GIT)