

Monilito Castro

Software Engineer

Allen, Texas

Contact: +1 (701) 630-9097 | monilitocastro@gmail.com

ABOUT ME

Monilito Castro, a seasoned Full Stack Developer, adept in .Net 9.0 MAUI, React.js, and Node.js, leveraging his dual Computer Science and Mathematics background to deliver fast customer facing apps. Passionate about implementing great user experience and keen on AI.

Links: <https://www.linkedin.com/in/monilitocastro>, <https://github.com/monilitocastro>, <https://github.com/monilitocastro-uio>

TECHNOLOGY EXPERIENCE:

Software Engineer (Owner) for Istiana LLC, Allen, TX

January 2023 – Present

- **Accomplishments:**
 - Developed a comprehensive Vision, TTS, STT AI client resulting in 10x productivity across all domains using .Net 9 MAUI.
 - Developed UIO.io using IaC concepts, Docker, Linux Bash for a secure video conferencing application with real-time features.
 - Led a small team of full stack developers and UX designers to develop the application, coordinating through various tools
 - Improved website security by creating (Let's Encrypt) certificates, effectively preventing man-in-the-middle attacks.
- **Technologies:** C# .Net Core, WebRTC, JWT authentication, Next.js, Stripe API, Supabase, React, MongoDB, QuillJs, Socket.IO, Figma, Miro, Slack, NodeJS, React, Preact, Typescript, Monday.com Project Management, NodeJS, Express, JWT, Let's Encrypt SSL, NodeJS, Hashicorp Vault, ReactJS, OpenID authentication framework, Ubuntu, Shell scripting, Sequelize, Postgres, NodeJS, NodeJS, Mocha, Chai, NAudio, Speech To Text, TTS, Multimodal Inference, OCR, OpenAI, TogetherAI, Perplexity AI, XAML, Avalonia UI

Frontend Software Engineer at HotelEngine LLC, Remote

December 2021 – December 2022

- **Accomplishments:**
 - Implemented a feature of significant impact, marking the largest UI addition to the company's product at the time.
 - Enhanced the quality of our mobile app by increasing code coverage, leading to a notable decrease in bugs.
 - Contributed to revenue growth by developing features that met the needs of the Product Design teams and improved experience.
 - Optimized project management and team communication through effective collaboration with Project Managers and UX.
- **Technologies:** Jira, Miro, Github, Flagship.io, Slack, Jest, Typescript, Node, React Native, HTML, CSS, Javascript, ReactJS

Full Stack Developer (Mid-Level Frontend Focus) at TeamSupport LLC, Dallas, TX

September 2019 – February 2021

- **Accomplishments:**
 - Developed a deployable interface with serverless APIs for a customer success platform while keeping tech cost low.
 - Mentored junior developers on unit testing and programming conventions, enhancing team productivity.
 - Assisted the Product Manager in project tracking and managing deliverable expectations using organizational tools.
- **Technologies:** React, AWS CLI tools, AWS Lambda, C# .Net Core, AWS Amplify, GraphQL, Unit testing frameworks, Front-end programming technologies, Back-end programming technologies, Slack, Jira, Google Plus.

Full Stack Software Developer at Corner Bakery Cafe, Dallas, TX

December 2018 – September 2019

- **Accomplishments:**
 - Boosted the company's discount program usage among internal clients by creating a QR barcode app.
 - Elevated the accessibility of the customer discount program by developing an Apple Watch app for on-spot discount provision.
 - Interviewed clients for requirements for an EDI app through the design of high-fidelity UX mockups.
- **Technologies:** Bootstrap, jQuery, ASP.Net, SQL Server, React Native, Swift, VueJS, ASP.Net, SQL Server, Azure AD

- **Accomplishments:**
 - Built interactive charts by pulling data from a server, providing a dynamic visual experience.
 - Developed a video search single-page app, resulting in maintainable source code.
 - Created a user-friendly weather web app, offering easy-to-understand data and a blogging platform allowing for presentation
 - Utilized cloud technology to install a blogging application, enhancing the user experience.
- **Technologies:** D3, ChartJS, ReactJS, NodeJS, YouTube API, ES6, OpenWeatherMap, Axios, SparkLines, REST, React-Router, JSON, AWS EC2 Instance, MongoDB, NodeJS, ES6, Express.

- **Accomplishments:**
 - Automated a financial readjustment process that saved \$3,400 monthly allowing two staffers to be repositioned to other roles.
 - Developed a comprehensive alert tool with administrative features for Team Leads to communicate with subordinates and created API services to display customer account status and securely update hashed SSNs.
 - Added tools for browsing accounts, integrated search functionality into the front-end, and enabled PDF generation of account balances directly from the web app.
 - Improved user experience with a navigational menu in the web application for easier access to customer information.
- **Technologies:** C#, Javascript, HTML, ASP.Net, Express Servers, SQL, RESTful services, CSS, JSON, jsPDF

- **Accomplishments:**
 - Successfully completed 12 projects in collaboration with a 15-person team, modifying a tax services platform for a municipality of 224,906 residents. This endeavor significantly improved tax collection efficiency for the agency.
 - In partnership with county officials, developed precise requirements for tax processing resulting in faster tax payments
- **Technologies:** HTML, SQL, VB.Net

TECHNOLOGIES AND FRAMEWORKS

1 (Prior Experience)	2	3	4	5 (Advanced)
Vue	Python	Docker	MongoDB	Node.js
Angular	GraphQL	React Native	CSS	React.js
PHP	AWS Amplify	AWS	Asp.Net Core	Javascript
Hashicorp Vault	Stripe API	Agile	Redis	C#
	Next.js	SQL	HTML	

EDUCATION

Bachelor of Science in Computer Science
Bachelor of Science in Mathematics
University of North Dakota
Grand Forks, ND

GPA 3.4/4.0
August 2011 - May 2016