

Michael Medina

Fullstack Engineer

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EDUCATION

Florida Atlantic University, Boca Raton — *Bachelor of Science in Computer Science (BSCS)*

AUGUST 2018 - May 2022

EXPERIENCE

[Vazkor Technologies](#), Boynton Beach, FL — *Fullstack Engineer*

SEPTEMBER 2022 - FEBRUARY 2026

Assignment based .NET, React, and React Native development for our primary client **CURE Auto Insurance**. This role consists of collaboration through [GitHub](#), [Jira](#), and [Slack](#) with my developer team and CURE's quality assurance team for monthly releases of web and mobile services.

PROJECTS

CURE Auto Insurance Web and Mobile Services

SEPTEMBER 2022 - FEBRUARY 2026

For use by NJ, PA, and MI residents to apply for CURE Auto Insurance, then create accounts to manage policy information after approval. [Application](#) service is built on .ASP.NET, [Account](#) service is built on Next.js, and [Mobile](#) app is built on React Native.

[Cyclopedia](#) Interactive Hurricane Database

JUNE 2022 - PRESENT

Open source educational tool built on Next.js for researchers to explore historical and live datasets from the **National Hurricane Center**. Leverages **Leaflet** and **Chart.js** for polished data visualization on desktop and mobile. I am the sole developer of this project.

[Mikematics](#) Developer Portfolio

JUNE 2022 - PRESENT

Personal developer portfolio built on React with tech stack, links to live demos, and contact forms. Leverages **Three.js** and **tsParticles** for advanced 3D rendering and particle effects. I am the sole developer of this project.

LANGUAGES

- JavaScript
- TypeScript
- SQL
- Python
- C#
- Java
- C++
- PHP

CORE FRAMEWORKS

- React
- Next.js
- React Native
- Expo
- .NET
- .ASP.NET
- Vue.js
- Angular
- Express.js

DATABASES

- MySQL
- PostgreSQL
- MongoDB
- Firebase
- Supabase

UI LIBRARIES

- Tailwind CSS
- Material UI
- Chart.js
- Leaflet
- Three.js
- tsParticles
- GSAP

DEVELOPER TOOLS

- Visual Studio
- Visual Studio Code
- Git Bash
- GitHub Desktop
- Cursor

