

# 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.

**Cyclopedias 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



