# Alex Alejandro

[**Portfolio Site**](#)      [**Github**](#)

Experienced Software Developer with 2 years of full-stack development experience, proficient in React.js, Node.js, Next.js, and JavaScript, complemented by Python knowledge. Collaborative team player with a track record of implementing custom functionalities and real-time monitoring tools. Passionate about driving innovation and delivering technical excellence.

## EXPERIENCE

### ICF, Fairfax, VA— *Junior Software Developer*
September 2021 - PRESENT

- Collaborated with survey developers to integrate custom JavaScript functionalities into the N-SUMHSS survey, which is completed by more than 30,000 substance use and mental health treatment facilities.

- Developed a dynamic visualization application using .NET Framework 4.6.1, integrating Entity Framework with .edmx models and Chart.js for real-time survey data analysis. This .NET-based tool enabled detailed monitoring of N-SUMHSS survey responses, enhancing data-driven decisions with state/territory-level insights.

- Developed secure landing pages using ASP.NET Framework 4.6.1, handling user authentication and redirection to the N-SUMHSS survey upon successful login. Implemented with .aspx pages and backed by SQL for robust data management.

- Maintained a console application that dynamically generates SAS code based on user input, executing SQL queries to retrieve the necessary data for accurate SAS code construction.

- Developed a dynamic progress bar that informs users of their survey completion status, displaying sections to be completed, sections already finished, and sections ineligible for their participation.

- Collaborated in a Scrum team, actively prioritizing user stories and estimating task effort accurately, contributing to the on-time delivery of project milestones.

- Provided ongoing support and played an integral role in the successful development of new features across multiple projects, demonstrating adaptability and commitment to project success.

- Mastered the use of Voxco survey software and leveraged custom JavaScript implementations to significantly enhance the user experience, leading to positive feedback from end-users.

### YMCA, Fitchburg, MA — *Teacher*
June 2019 - July 2020

- Planned and executed diverse, tailor-made educational activities and events for a group of 25 students, igniting curiosity and passion for learning.

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## SKILLS

React.js

.NET

C#

React.js

Next.js

Prisma

TypeScript

Express.js

MySQL

SQL

JavaScript

Python

Flask

JQuerry

Node.js

Chart.js

CSS

HTML

Bootstrap

Tailwind

Git

SASS

ASP.NET

Voxco

## LANGUAGES

English & Spanish

- Created engaging and interactive sessions, sparking students' interest and actively assisting them with their homework to ensure academic success.
- Prioritized safety and well-being by maintaining a clean and secure environment, fostering a positive atmosphere for growth and development.

### **MOC,** Fitchburg, MA— *Peer Educator*

September 2016 - March 2019

- Educated youth aged 12-17 on various aspects of sexual health, fostering open discussions in a safe and supportive environment.
- Spearheaded impactful events with the local YMCA and Boys & Girls Club, empowering over 70 young individuals with crucial information on teen pregnancy prevention, dating violence awareness, and anti-bullying strategies, fostering healthier relationships and safer communities.
- Demonstrated exceptional leadership by leading immersive sexual health classes for 15 teenagers, incorporating dynamic activities and discussions to encourage active participation and deeper understanding.

### EDUCATION

### **Worcester State University,** Worcester, MA— *Web Development Certificate*

2021

- Comprehensive 20-week course focused on mastering JavaScript full-stack development, with an emphasis on React.js, SQL, and Node.js.
- Hands-on project-based learning and expert guidance to build dynamic web applications and become a proficient full-stack developer.