

Brian Najera

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EDUCATION

Univeristy of North Texas

Denton, Texas

Bachelor of Science - Computer Science (ABET accredited)

Graduation Date: May 2024

Relevant Coursework: Software Engineering, Secure E-Commerce, Data Structures & Algorithms

SKILLS & INTERESTS

Programming Languages: JavaScript, Python, TypeScript, C/C++, HTML/CSS, SQL, php

Frameworks: React, React Native, Next.js, Node.js, Tailwind CSS, Serverless Framework

Software and Tools: Visual Studio Code, AWS, GIT, Xcode, Pycharm, IntelliJ

Certifications: AWS Cloud Practitioner ([View Badge](#))

PROJECT EXPERIENCE

Incident Monitoring and Response Systems (IMRS)

Denton, Texas

Co-Developer | Mobile Application | [Github](#)

Sep 2023 - May 2024

- Collaborated with A-Shield, LLC and a UNT IT group to develop a safety application incorporating real-time updates and geofencing technology, aimed at decreasing response time during active shooter incidents.
- Implemented AWS Lambda and DynamoDB integration to streamline data processing and storage
- Integrated Google Maps API within a React Native framework to provide real-time geofencing and location updates, enabling first responders to access a dynamic heatmap of user statuses
- Optimized backend operations using Amazon Kinesis to process real-time location data, reducing strain on the database and ensuring low-latency updates

Jules Crafting Corner

Denton, Texas

Lead Developer | Secure E-Commerce | [Github](#)

Feb 2024 - May 2024

- Led a team of three in building a secure, customer-centric e-commerce platform for unique, hand-crafted products.
- Designed and implemented features using HTML, CSS, PHP, and JavaScript to deliver a seamless user experience
- Implemented robust security protocols with multifactor authentication, HTTPS encryption, and Secure PayPal payment gateway, safeguarding sensitive customer data.
- Enhanced system reliability by performing Nessus vulnerability assessments and conducting simulated DDoS attacks

Safe Circle

Fort Worth, Texas

Lead Developer | Mobile Application | [Github](#)

Nov 2024 - Present

- Developing an iOS mobile application in React Native using Expo Go for enhanced safety during emergency situations
- Utilizing AWS Lambda and DynamoDB to power backend services and data storage
- Implemented real-time location tracking and geofencing using Expo Go's built-in map functions, allowing notifications to be sent to users when leaving safety zones
- Testing and debugging iOS functionality using Xcode to ensure compatibility across iOS devices

WORK EXPERIENCE

Pilot Flying J

Fort Worth, Texas

Team Lead

Jan 2021 - Present

- Monitored and adjusted team operations during busy periods to optimize workflow and improve efficiency
- Supervised a team, ensuring adherence to company policies and maintaining a consistent, fair environment through equitable rule enforcement.
- Executed strategic tasks to improve team performance and foster a productive work environment.