

# Jonathan Andrew Trevino

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LinkedIn <https://www.linkedin.com/in/jonathanandrewtrevino/>

Web Portfolio <http://yeahimit.me/>

Full Stack Developer who specializes in curating efficient and reliable applications. Experienced with both front-end and back-end development utilizing React, NodeJs, Flask+Python, and SQL. Set on expanding my knowledge upon languages currently used, and others that I have not had the pleasure of working with yet. Experienced with the key concepts and techniques utilized for creating E-commerce web applications, as well as E-commerce API functions.

## Education

### Bachelors of Computer Science concentrated in Software Engineering

University of Texas at San Antonio

**Relevant Course Work:** Software Engineering, Enterprise Software Engineering, Software Validation and Quality Assurance, Database Systems, Programming Languages, Database Structures, Analysis of Algorithms.

#### Relevant Projects:

Database Systems Project:

- Worked single-handedly in utilizing Java to create and maintain a MySQL database. Imported customers into a customer database to then parse customers that met specific requirements. ***Was a fundamental steppingstone to fully understand the processes and dangers of storing customer information and the best practices utilize to ensure information confidentiality, accessibility, and integrity.***

Software Engineering Project:

- Worked in a group of 5 where we had specific roles in developing an E-Commerce website. ***Introduced to the concept of Agile Development and the effectiveness of scrums.*** Acted as a full stack developer throughout the course of the project as I thoroughly enjoy understanding the process to work as both a Front-end and Back-end developer. We utilized Flask to handle our Front End as well as Python for the server-side code, CSS, and JavaScript for our UI/UX, MySQL for our database hosted on Amazon RDS, and hosted our website on an Amazon EC2 instance.

Enterprise Software Engineering Project:

- Curated PHP API functions for a phpMyAdmin web server. Implemented features such as file upload, file search, and file view to allow the user to view a PDF stored on a SQL database. ***Most importantly, created a PHP API function that would handle receiving files from a separate server automatically, this would parse the file given to my server to the database storing crucial information.***

Software Validation and Quality Assurance:

- Created Java Unit tests utilizing JUnit4 for achieving one hundred percent code coverage for given code. From there, built and tested various projects on different Linux distributions. ***Lastly, implemented a Cloud Build on Google Cloud Compute for CI/CD where configuration of .yaml and docker file were utilized.***

### Minor in Cyber Security

University of Texas at San Antonio

**Relevant Course Work:** Information Assurance & Security.

## Skills

- React
- NodeJS
- HTML, CSS, Bootstrap, Javascript
- PHP
- C
- Java
- Python
- Linux
- CI/CD

## Certifications

IC3 Digital Literacy Certification • Windows Operating System Fundamentals

Linux Red Hat Systems Administration \* in progress