

# JACINTO J MENDOZA

Arlington, TX 76018  
jacinto.josh.mendoza@gmail.com  
(469) 309-8166

## EDUCATION

**University of Texas at Arlington**  
Bachelor of Science in Computer Science (2016 – 2021)

### Relevant Coursework

Computer System Design Project, Algorithms and Data Structures, Fundamentals of Software Engineering, Software Testing and Maintenance, Programming Languages, Database Implementation and Theory, Database Systems and File Structures

## CERTIFICATIONS

**Amazon Web Services**  
Certified Cloud Practitioner  
Certified Data Analytics – Specialty

## SKILLS

### Programming Languages

JavaScript, TypeScript, HTML, CSS/Sass, Java, Python, C, C++, SQL, R

### Libraries & Frameworks

Angular, Node.js, Express.js, Spring Boot, Bootstrap, Material UI

### Tools & Platforms

Visual Studio Code, Amazon Web Services, WordPress, Git, Heroku, Firebase, Docker, Netlify, MongoDB

### Systems

Linux, Windows, macOS

### Interests

Web Development, Information Security, Databases, Cloud Computing

## PROFESSIONAL EXPERIENCE

### Talent Path

Jul '21 – Present

*Full Stack Engineer, Data Engineer*

- Completed an eleven-week full stack program utilizes technologies such as the front-end Angular framework and the backend Node.js environment with the Express.js framework.
- Created a prototype finance web application that utilizes Angular, Node.js, Material-UI, PostgreSQL and Express.js.
- Completed a hands-on 10-week program that utilized multiple components of AWS such as Redshift, RDS, Lambda, Glue, EMR, S3, DynamoDB, and QuickSight.

## PROJECTS UNDERTAKEN

- Angular Web Application:** Developed a prototype finance web application as part of a capstone project that utilizes the front-end web application framework, Angular, and the back-end JavaScript runtime environment, Node.js.
- ETL Pipeline Analytical Solution:** Created a prototype end-to-end batch ETL solution via Amazon Web Services (AWS) from an existing on-premises IT infrastructure. This project managed raw data such as semi-structured and structured data to be transformed and loaded using multiple AWS services such as Redshift, DynamoDB, RDS, EMR, QuickSight, and Lambda for data analytics.
- SQL Database:** Designed and implemented a relational database system for an online airline travel reservation system. Project included creating an ER/EER schema diagram, implementing using Oracle SQL, and running queries.
- Cloud Computing Program:** Created a map/reduce program that is capable of handling very large data sets in a reasonable amount of time. Ran on XSEDE, it utilizes the Hadoop framework for processing data in parallel on large clusters.
- JUnit Program Testing:** Ensured that a given code has full coverage for all possible inputs using JUnit testing through the Eclipse IDE platform. Involved creating a Control Flow Graph for each individual method as well as for the main method, executing JUnit source code and correcting any detected faults within the program.

## COMMUNITY SERVICE

### The Big Event

Apr '18 – Apr '21

*Site Member, Site Leader*

- Provided cleaning, organizing, and gardening to the Salvation Army.
- Lead a group of volunteers to renovate a garden as well as organize other outside areas at The First United Methodist of Hurst.
- Created afterschool activity kits for kids to do at home for the Voice of Hope Ministries.