

## EDUCATION

### Bachelor of Science in Computer Science (2021)

University of Texas at Arlington

## CERTIFICATIONS

### Amazon Web Services

Certified Cloud Practitioner

Certified Data Analytics – Specialty

## TECHNICAL SKILLS

### Programming Languages

- TypeScript/JavaScript
- HTML
- CSS/Sass
- Java
- SQL/GraphQL
- C
- Python
- R

### Libraries & Frameworks

- Angular
- React
- RxJS
- Node.js
- Spring Boot

### Tools & Platforms

- GitHub
- Chrome DevTools
- Jira
- Visual Studio Code
- Team Foundation Server
- ChatGPT
- Postman
- Confluence
- Oracle SQL Developer
- Amazon Web Services
- Microsoft Azure
- Docker

## PROFESSIONAL EXPERIENCE

### Fiserv, Inc.

May '22 – Present

#### Software Development Engineering - Professional II

- Contributing to the modernization and development of DNA, Fiserv's core banking platform, using the Angular framework and agile development processes.
- Collaborating with cross-functional teams to ensure seamless integration of the front-end UI and the back-end services layer.
- Working independently to support software through the entire software development lifecycle, diagnosing and resolving performance issues.
- Ensuring timely and effective delivery of bug fixes and feature implementations as per stakeholder requirements while adhering to the project's flexibility and scalability requirements.

### Talent Path

Jul '21 – Apr '22

#### 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.