

SHELBY VO

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QUALIFICATION SKILLS

- **Languages:** Java, C, C++, JavaScript, Python, HTML/CSS, SQL, MIPS Assembly
- **Frameworks:** Node JS, ReactJS, Bootstrap, ExpressJS
- **Platforms:** OS, Linux, Windows
- **Course works:** Algorithms Analysis & Data Structure, Software Engineer, Digital logic and Computer Design, Digital System, Operating System, Probability and Static, Discrete Math for Computing, Computer Architecture
- **Activity:** UT Design ® EPICS, Hack UTD, UTD Computer Security Group

EXPERIENCE

Student Software Developer

Aug 2023- Dec 2023

One Heart McKinney

Richardson

- Spearheaded the development of a comprehensive database system, utilizing modern technologies, to empower One Heart McKinney Navigators in making efficient referrals to social service providers for families in need.
- Architected and implemented a robust database structure using SQL and NoSQL databases to meticulously store critical information about network partners, facilitating seamless intake processes, accurate tracking of referrals, and streamlined follow-up, tracking, and reporting mechanisms.
- Executed the database design using technologies like MySQL and MongoDB to capture and manage partner and client data effectively, laying the groundwork for a user-friendly interface with smooth referral entry, real-time tracking, and insightful reporting capabilities.

Technical Assistant

Jun 2023

Vintage Computer Festival

Richardson, TX

- Collaborated within a team to deliver essential technical support, showcasing exceptional problem-solving skills to ensure the seamless operation of vintage computer exhibits.

PROJECTS

Referral System

- Implemented SQL and NoSQL databases (MySQL and MongoDB) for efficient referrals.
- Developed a responsive user interface using React.
- Designed an intuitive user experience with HTML, CSS, and JavaScript.
- Utilized React to create powerful search and reporting features.
- Managed project tasks and actively engaging with clients to ensure project alignment and client satisfaction.

Nosh Navigator

- Designed a location-based restaurant suggestion app with user ratings and distance input.
- Developed personalized features to improve user convenience, refining skills in location-based app development.

Commerce-site

- Built server-side applications with efficient database management, leveraging ORM for streamlined development, enhancing project efficiency and scalability.

EDUCATION

Bachelor's in Computer Science

University of Texas at Dallas

Expected Graduation May 2025

Richardson, TX

Full Stack Web Development Certificate

Southern Methodist University

Oct 2021- March 2022

Dallas, TX