

# SHELBY VO

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## QUALIFICATION SKILLS

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- **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

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### 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

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### 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

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### Bachelor's in Computer Science | GPA: 3.89

*University of Texas at Dallas*

### Full Stack Web Development Certificate

*Southern Methodist University*

**Expected Graduation May 2025**

*Richardson, TX*

**Oct 2021- March 2022**

*Dallas, TX*