David Oladipupo

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PROFESSIONAL PROFILE

Computer Science junior at the University of North Texas with proven experience developing highly **performant, full-stack web applications** using **React, JavaScript, and Node.js**. Expertise in **Agile collaboration, modular UI design, and CI/CD** workflows. Seeking a **Summer 2026** Software Engineer Internship to deliver technical solutions that enhance user experience and system reliability.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), Python, C++, HTML5, CSS3, MySQL
Frameworks & Libraries: React, Node.js, **Redux/Toolkit**, Responsive Design
Tools & Practices: Git, GitHub, Netlify, VS Code, **CI/CD Pipelines**, OOP, Agile Development

EDUCATION

University of North Texas   **Denton, TX**
Bachelor of Computer Science   *Graduation Date: May 2027*
GPA: 3.8

PROJECT EXPERIENCE

E-Commerce Web App (React, JavaScript, CSS)   **Remote**
Coursera Full-Stack Certificate Project   *Jul 2025 - Jul 2025*

- Developed a React-based e-commerce app featuring 8+ reusable components (catalog, cart, checkout).
- Implemented React Hooks and state management for real-time cart updates, improving UI responsiveness by **40%**.
- Deployed via **Netlify CI/CD**, achieving **<2s average load time** and stable performance across **100+ product entries**.
- Conducted usability and accessibility testing aligned with **WCAG 2.1**, reducing navigation time by **15%**.

Personal Portfolio Website (HTML, CSS, JavaScript)   **Remote**
Coursera Full-Stack Certificate Project   *Jul 2025 - Jul 2025*

- Designed and deployed a responsive personal website integrated with **GitHub Actions CI/CD**.
- Optimized for **mobile-first performance**, achieving a **90+ Google Lighthouse** score.
- Applied version control best practices using Git branching strategies for reliable project iteration.
- Implemented UI improvements through peer testing, leading to a **20% bounce rate reduction** and higher engagement.

Library Management System (C++, File I/O)   **Denton, TX**
UNT Library Management Project   *Apr 2025 - May 2025*

- Built a **1,000+ LOC** console-based application managing books, audio CDs, and DVDs with persistent file storage.
- Applied OOP principles (inheritance, polymorphism) to achieve **30% faster feature integration** and maintainability.
- Implemented binary file I/O for **500+ record persistence** across sessions, ensuring data reliability.
- Optimized search and data-handling algorithms to improve runtime efficiency by **30%**.

LEADERSHIP EXPERIENCE

Professional & Emerging Leadership Programs   **Denton, Fort Worth, TX**
                                                                                                     Jan 2025 - Present

- Selected into a competitive leadership cohort focused on communication, teamwork, and career development.
- Facilitated ancestry research workshops for **20+ participants**, achieving a **95% satisfaction rate**.
- Delivered **5+ public presentations** translating technical research into accessible language.
- Collaborated with diverse peers in case-based workshops, applying Agile principles in project coordination and problem-solving.