

David Oladipupo

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PROFESSIONAL PROFILE

A detail-oriented Computer Science student with a 3.8 GPA and a strong foundation in software development principles. Experienced in building performance-focused applications, demonstrated through a React-based e-commerce project with a 40% improvement in UI latency and a C++ academic project focused on efficient data management. Possesses foundational knowledge in both front-end and back-end development, validated by Meta certifications.

TECHNICAL SKILLS

Languages: JavaScript, C++, Python, HTML, CSS

Frameworks & Libraries: React, Redux Toolkit

Developer Tools: Git, GitHub, VS Code, Netlify (CI/CD)

Concepts: Object-Oriented Programming (OOP), Data Structures, Algorithms, State Management

EDUCATION

University of North Texas

Denton, TX

Bachelor of Computer Science

Graduation Date: May 2027

GPA: 3.8

PROJECT EXPERIENCE

E-Commerce Web App

Remote

Personal Project (React, Redux, JavaScript)

Jul 2025 - Jul 2025

- Architected a scalable front-end application with a modular design featuring 8+ reusable React components.
- Engineered a global state management solution using Redux Toolkit to handle real-time cart updates, improving UI update latency by 40% and reducing unnecessary re-renders.
- Established a CI/CD pipeline with Netlify to automate testing and deployment, achieving an average load time of under 2 seconds through code splitting and asset optimization.

Library Management System

Denton, TX

Academic Project (C++, File I/O)

Apr 2025 - May 2025

- Developed a C++ console application as part of university coursework to manage a library inventory of over 500 records across books, CDs, and DVDs.
- Designed a maintainable class hierarchy using inheritance and polymorphism, reducing the estimated time to integrate new media types by 30%.
- Engineered a persistent storage system using binary file I/O to ensure data integrity and efficient loading of records across application sessions.

CERTIFICATIONS

- Introduction to Back-End Development** | Meta | Issued: Oct 2025
- Introduction to Front-End Development** | Meta | Issued: Oct 2025
- Python 101: Develop Your First Python Program** | Coursera Project Network | Issued: Oct 2025