

WALID ABDULKADIR

Computer Science Student & Full-Stack Developer

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EDUCATION

BSc in Computer Science

Wachemo University — Hossana, Ethiopia

Expected Graduation: 2028

TECHNICAL SKILLS

Languages: JavaScript (ES6+), SQL, HTML5, CSS3
Frontend: React.js, Bootstrap, DOM Manipulation, Responsive Design, CSS Media Queries
Backend: Node.js, Express.js, RESTful APIs, Middleware Configuration, Routing
Databases: MySQL, Microsoft SQL Server
Tools: Git, GitHub, npm, VS Code, XAMPP, Cisco Packet Tracer

ACADEMIC & FULL-STACK PROJECTS

Student Management System — Full-Stack Application

Node.js, Express.js, MySQL, Bootstrap

- Engineered a full-stack records platform implementing strict relational CRUD operations and automated database schema initialization routines.
- Architected modular Express.js server-side routing architectures and middleware configurations, successfully stabilizing continuous local ports and environments.
- Designed a responsive, mobile-first Bootstrap user interface featuring smart conditional rendering paradigms.

Weather Application — Frontend Application

React.js, JavaScript (ES6+), OpenWeather REST API

- Developed a dynamic, reactive weather metrics dashboard asynchronously parsing real-time live atmospheric payloads from the OpenWeatherMap API.
- Implemented an optimized client-side city lookup feature mapping raw JSON data into beautifully structured temperature, forecasting, and relative humidity subcomponents.
- Programmed custom programmatic error-interception routines protecting system layouts during invalid client inputs or unexpected REST query timeouts.

GEBEYA Printing & Advertising — Commercial Web Platform

HTML5, CSS3, JavaScript (ES6+), Responsive Design

- Built and deployed a responsive commercial business landing page incorporating full dual-language (English and Amharic) localization structures to target regional customer segments.
- Constructed an interactive operational service directory integrating accurate ETB pricing structures and client-side contact validation protocols.

Employee Management System — Vanilla Web Portal

HTML5, CSS3, JavaScript (ES6+)

- Developed a responsive, framework-free web administration application built entirely with vanilla HTML5, semantic CSS3 layouts, and modern ECMAScript specifications.
- Programmed lightweight DOM manipulation rules and immediate validation layers providing continuous responsive UI status updates without framework lifecycles.

TECHNICAL LEADERSHIP & TECHNICAL ACTIVITIES

Group Project Lead — Network Architecture Design

May 2026

Wachemo University — Data Communication & Computer Networks Course

- Directed a 4-person technical team to architect a custom VLAN-segmented enterprise network using Cisco Packet Tracer to achieve isolated network domains.
- Configured inter-VLAN routing tables leveraging Router-on-a-Stick methodologies and established central DHCP relay agents.
- Enforced robust edge protection using port-security profiles with sticky MAC configurations alongside specific IoT automation criteria.

Collaborative Developer — Database Systems Technical Report

May 2026

Wachemo University — Database Systems Laboratory Project

- Co-authored an extensive engine architectural analysis focusing entirely on SQL Server DML and DDL trigger transaction boundaries.
- Documented deterministic system trigger evaluations with clean programmatic models, integrating deep transaction shadow paging mechanics and database state recovery theories.