ABDULKAF MUSEMA

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EDUCATION

Werabe University *Ethiopia*

B.Sc. in Computer Science, Full-Time Program, CGPA: 3.65 *Expected 2028*

Coursework: Data Structures & Algorithms, Database Systems, Software Engineering, Web Development, Object-Oriented Programming, Computer Networks, Artificial Intelligence Fundamentals

Honors: Selected Participant, Project Mercy Summer Professional Development Program (2026)

TECHNICAL SKILLS

Languages: C++, Java, JavaScript, SQL, HTML, CSS

Frameworks & Libraries: React, Node.js, Express.js, Bootstrap, Tailwind CSS

Tools & Platforms: Git, GitHub, SQLite, VS Code, GitHub Pages, REST APIs, AI Development Tools

Concepts & Methods: Data Structures & Algorithms, OOP, Software Engineering, API Development, Database Design, ER Modeling

EXPERIENCE

Freelance Full-Stack Developer. Independent client web development *Remote, Ethiopia*

Full-Stack Developer *2026 - Present*

- Built responsive web applications for clients using HTML, CSS, JavaScript, React, Bootstrap, and Tailwind CSS to translate business requirements into functional interfaces.
- Developed backend functionality with Node.js and Express.js, architecting RESTful APIs to support client-facing application features.
- Designed and integrated SQL and SQLite databases, and used Git/GitHub for version control, deployment, and project management, improving development workflow reliability.

PROJECTS

The Sharp Edge - Full-Stack Barber Shop Management System *Personal Project | 2026*

- Built a full-stack booking system using Node.js, Express.js, and SQLite, developing RESTful APIs for services, barbers, bookings, and contact messages.
- Implemented booking validation, availability checking, and conflict detection, and applied input validation, CORS configuration, and rate limiting for a production-ready backend.

KafuDev - Personal Developer Portfolio *Personal Project | 2026*

- Designed and developed a responsive portfolio site in HTML, CSS, and JavaScript to showcase projects, skills, and experience, deployed for public access.

University Registrar Database System *Personal Project | 2026*

- Designed a relational database model in SQL for a university registrar system, mapping relationships between students, departments, instructors, courses, and enrollments via ER diagrams.

CERTIFICATIONS

[Insert certifications, if any]

INTERESTS

Professional Skills: Problem solving, technical communication, storytelling, and productivity with modern AI tools
Extracurriculars: Project Mercy Summer Professional Development Program
Interests: Generative AI, algorithmic problem solving, software engineering