ASMAMAW KASSAHUN

COMPUTER SCIENCE GRADUATE
WEB & NETWORK SPECIALIST

CONTACT

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TECH SKILLS

- HTML, CSS(Tailwind)
- React (Advanced)
- TypeScript (Advanced)
- JavaScript (Advanced)
- Next.js (Advanced)
- Node.JS (Advanced)
- Java (Advanced)
- C++ (Advanced)
- Flutter (Advanced)
- Data Structures and Algorithms
- PostgreSQL, MySQL, MongoDB
- Version Control (Git) and Github
- VLANs, Routing, Switching, WLAN setup
- Cisco Packet Tracer
- Data Analysis

SOFT SKILLS

- Teamwork
- Time Management
- Resource Management
- Leadership
- Effective Communication
- Critical Thinking

PROFILE

Computer Science graduate with a 90/100 on Ethiopia's national exit exam, primarily focused on modern web development. I have hands-on experience building full-stack applications using React, Next.js, Node.js, and Flutter, with strong backend integration using PostgreSQL, MySQL, and MongoDB. I've developed and deployed real-world systems like EQUILEX, a legal tech platform with real-time messaging and secure payment features. While my core strength is in web technologies, I also have foundational experience in network configuration and security using Cisco tools, giving me a well-rounded technical perspective. I'm passionate about building scalable, user-focused web solutions in collaborative environments.

EDUCATION

Bachelor of Computer Science   2022 - 2025
Bahir Dar Institute of Technology | Bahir Dar University

GPA: 3.87 / 4.0
Exit: 90 /100

PROJECTS

Equilex – Legal Service Platform
Built a full-stack legal service platform enabling clients to file disputes and consult lawyers, with integrated real-time chat and payment system.
Technologies Used: Next.js 15, TypeScript, PostgreSQL, Prisma, Pusher, NextAuth, Tailwind CSS

Real-time Chat & Video Platform
Developed a real-time chat & video call platform enabling users to send instant messages and video call.
Technologies Used: Pusher, Next.js, Socket.io, Node.js TypeScript and Tailwind CSS

Library-Management System
A mini library management system for book cataloguing, lending, adding and control the librarians
Technologies Used: Java Netbeans, AWT and swing with GUI

Todo app
Developed a real-time chat application enabling users to send instant messages, create group chats, and share multimedia content.
Technologies Used: Flutter, Node.js, MongoDB

Campus Network Configuration (Cisco Packet Tracer)

Designed and simulated a subnetted network for a university lab using Cisco Packet Tracer, enabling communication across four separate rooms with dynamic IP assignment and integrated DNS and Mail services. Configured routing protocols and router interfaces via CLI to ensure scalable and classless network operation.
Technologies Used: Cisco Packet Tracer, DHCP, SMTP, DNS, Subnetting, Router CLI, Switches, VLAN

LANGUAGES

- Amharic (Native)
- English (Fluent)

ACHIEVEMENTS & INTERNSHIP EXPERIENCE

Recognized for academic excellence, consistently maintaining a GPA of 3.87/4.0 throughout my university studies.

Scored 90/100 on Ethiopia's National Exit Exam for Computer Science, recognized as an Outstanding Performance.

Completed a 3-month internship at Alyah Software plc., where I contributed to a web application development project using React, next.JS, Typescript and PostgreSQL.