

Habtamu Bitew Gashu



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- Finoteselam, West Gojjam
- 2001-04-01
- Ethiopian
- Single
- Male

LANGUAGE SKILLS

Amharic
Writing Excellent
Listening Excellent
Reading Excellent
Speaking Excellent

English
Writing Excellent
Listening Excellent
Reading Excellent
Speaking Intermediate

WORK EXPERIENCE

Bahir Dar University
Software Developer Intern
04/2024 – 07/2024
Projects: Worked on the Clearance Management System and Library Management System, helping digitize core administrative tasks for staff and students.

HOBBIES

- Solving problems
- Learning from technology-related books and videos
- Spending time with family

PAST PROJECTS

Prison Information Management System

Role: Lead Full-Stack Developer
2025

Description: Developed a web application to manage prisoner records, visit requests, room allocations, and user roles in correctional institutions. Utilized Laravel (PHP) for the backend. Blade for templating, JavaScript, and MySQL for the database. Implemented complex role-based access control and real-time notification systems.
Challenge: Ensured limited access to functions based on user roles, solved using session-based filtering and Laravel's gate policies.

Clearance Management System

Role: Software Developer Intern
2024

Description: Developed a system to digitize administrative clearance processes for staff and students at Bahir Dar University. Utilized Laravel (PHP) for the backend and MySQL for the database to create an efficient platform for managing clearance records.

Campus Compass (Android App)

2024
Description: Developed a smart campus navigation app to help users locate places within the campus, such as dormitories, toilets, library, classrooms, and play station. Built using Android development tools.

Real Estate Management System

2024
Description: Created a platform to connect property sellers and buyers, facilitating listing, searching, and communication for real estate properties. Developed using Java Servlet for the backend and Java GUI for the user interface.



EDUCATIONAL BACKGROUND

Grade 1 to 8

Bata Elementary School

2009 – 2016

Grade 9 to 12

Damot Secondary School

2017 – 2020

Bachelor of Science in Software Engineering

Wachemo University

2020 – 2025



OTHER SKILLS

- Microsoft Office, Networking, MySQL, Java, C++, PHP, Database, Windows OS
- Computer Maintenance
- Network Configuration
- HTML, CSS, JavaScript, PHP, Laravel
- Self-taught cybersecurity (SQL injection testing, ethical network testing)
- Java Servlet, Java GUI

Smart Home Embedded System

2023

Description: Built a prototype that monitors temperature and humidity and controls door access using sound and RFID card detection. Enhanced skills in embedded systems and microcontroller programming with sensors and modules. Video evidence of the working model is available.

Smart Stove Project

2010

Description: Designed a smart cooking system controllable via mobile call. capable of turning on to cook food and shutting off with another call. Awarded in a school innovation competition.



CERTIFICATES

Smart Stove Project - School Innovation Competition

Awarded by: Local Innovation Program

Prize: 3,000 Birr and certificate of appreciation

Context: Created a smart stove controllable via mobile call. which successfully on and shut off remotely.



PERSONAL DETAILS

Health

No disabilities



EDUCATIONAL QUALIFICATIONS

Bachelor of Science (BSc) in Software Engineering from Wachemo University with a CGPA of 3.03

06/2025

National Exit Exam

77%. Status: Pass



FAVORITE QUOTES

"Success is no accident. It is hard work, perseverance, learning, studying, sacrifice, and most of all, love of what you are doing or learning to do." - Pelé

"The only limit to our realization of tomorrow will be our doubts of today." - Franklin D. Roosevelt

"Continuous effort not strength or intelligence is the key to unlocking our potential." Winston S. Churchill