

Yared Mehari Azene

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Objective

Motivated software developer with hands on experience in web development and a strong foundation in both front-end and back-end technologies. Ready to contribute to real world projects, grow as a developer, and build efficient, user friendly applications. Looking for opportunities to apply technical skills, collaborate with teams, and solve practical problems.

Education

- **BDU STEM Incubation Center**
High-school Diploma
- **Bahir Dar University**
Bachelor-Software Engineering
- **Admass University**
Bachelor-Economics

Work Experience

- **Bit Career Development Center** 2024 -
Full Stack developer
Worked on developing and enhancing company websites, focusing on functionality and performance. Fixed bugs and resolved technical issues in both front-end and back-end code. Contributed improvements aimed at boosting user experience and site efficiency
- **Kuraz technologies** 2025 -
Backend Engineer
At Kuraz, I design and maintain backend systems for web applications using Node.js, PHP, MySQL, and MongoDB. I build and manage APIs, handle database operations, and ensure secure and efficient data flow. I work closely with the frontend team to support smooth integration and optimize performance, with a focus on scalability, speed, and clean architecture.
- **HammerSpacecrafts** June 2025 -
Software Engineer
I work as a full-stack software engineer at Hammerspacecrafts, where I develop and maintain web applications across both frontend and backend. My responsibilities include building and integrating APIs, improving application performance, and collaborating with team members to design and implement new features. I also take part in code reviews, write tests to ensure reliability, and focus on delivering secure, scalable, and user-friendly software.
- **Startup Garage** June 2025 -
Tools & Systems Developer
I support the team by exploring, testing, and implementing digital tools that enhance workflow and operational efficiency. I help evaluate automation solutions, contribute to backend systems, and collaborate with others to improve processes for early-stage startups.
- **NSK.AI** 2025 -
NSK.AI – Graduate
Completed an intensive program in Artificial Intelligence and Data Science, gaining hands-on experience with Python, SQL, and machine learning frameworks such as Scikit-learn and TensorFlow. Worked on real-world projects involving data cleaning, feature engineering, and predictive modeling while collaborating with peers and mentors, strengthening both technical expertise and teamwork skills.
- **AIIDEV Africa – SDG Campus Ambassador Program** July 2025 - Present
Campus Ambassador
Selected as one of the ambassadors for AIIDEV's 10-week program focused on advancing the UN Sustainable Development Goals (SDGs). Participating in weekly workshops on leadership, innovation, and community impact. Actively engaged in initiatives promoting sustainable development and youth-driven solutions across Africa.

Skills

- Excellent communication skills
- Great team building
- Programming Languages: Java, Python, C#, PHP
- Front-End: HTML, CSS, JavaScript (ES6+), React, Tailwind CSS, Responsive Design
- Back-End: Node.js, Express.js, REST APIs, Laravel, Supabase, MongoDB, SQLite, MySQL.
- Tools: Git, GitHub
- Knowledge of digital marketing
- Self motivated and able to work independently

Projects

- **SmartDoc AI - Enterprise Document Intelligence Platform**

SmartDoc AI is a cutting-edge RAG (Retrieval-Augmented Generation) system that transforms document chaos into actionable intelligence. Built with Streamlit, LangChain, and Groq, it provides instant, accurate answers from any document type including PDFs, Word documents, Excel spreadsheets, and text files. Features include intelligent search & retrieval, lightning-fast processing powered by Groq's inference engine, context-aware AI that maintains conversation memory, and enterprise-grade accuracy with advanced RAG technology.

- **Ahadu Amharic Dictionary**

it focuses on providing clear Amharic-to-Amharic definitions. It also includes translation features for Amharic to English, Amharic to Ge'ez, and vice versa. The site supports a multilingual interface, allowing users to navigate in different languages. Additional features include Amharic riddles, proverbs, word games, and a smart spell checker that suggests corrections for misspelled Amharic words. The platform is designed to make learning and interacting with the Amharic language both practical and engaging.

- **Kener Ideas Cloud**

It focuses on capturing, organizing, and exploring ideas through an interactive word cloud interface. Users can submit ideas with detailed descriptions, attach images, and like others' submissions. It supports nested ideas, allowing replies and sub-ideas to expand under parent entries. Public participation is enabled through shareable links, letting guests submit and vote without logging in. Admins have access to moderation tools to approve or reject content. The platform is designed to make brainstorming and collaboration visually engaging and structurally meaningful.

- **BiT CDC website**

A full-stack career platform built for Bahir Dar University students, specifically for the Career Development Center at Bahir Dar Institute of Technology. It helps students access job opportunities, resources, and events. The site features a responsive React UI, with backend plans for authentication, job postings, and student profile management.

- **Damena – Bilingual Weather App for Ethiopia**

A responsive app that shows real-time weather and 5-day forecasts for Ethiopian cities in both English and Amharic. Features include dynamic visuals, local weather news, and a clean, mobile-friendly UI

- **STEM Center Student Record Management**

It is a desktop application developed with C#. It allows the registration of new students, and keep their academics records and their full formation.

Achievements & Awards

- BDU STEM Center Science Fair Winner
- ANRS Science Bureau and Ethiopia National Technology Science fair team winner
- Solve IT Innovation Competition runner-up
- 1st Place Winner, Zemenay Technologies Hackathon

Interests

- Coding
- Volunteering
- Environmental activities

Languages

- English
- Amharic