

Hiwot Belay Mekonnen

Software Engineer

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EDUCATION

BSc in Software Engineering

Bahir Dar University

03/2022 – 07/2027

Bahir Dar, Ethiopia

- Completed coursework in Data Structures and Algorithms, Object-Oriented Programming, Advanced Database Systems, Artificial Intelligence and Machine Learning, Operating Systems, and Web Development.
- GPA: 3.86/4.0

PROFESSIONAL EXPERIENCE

Full-Stack Developer

New Era AI Africa

01/2025 – Present

Remote

- Developed and launched AI-driven full-stack applications, integrating web-based platforms with AI model testing and monitoring functionalities, resulting in enhanced data visualization capabilities.
- Partnered with AI engineers and data analysts to systematically troubleshoot and optimize tokenizer pipelines, achieving a 15–20% improvement in processing accuracy and operational efficiency.

Technologies: React, .NET/C#, FastAPI, AutoGen, Python, SQL, GitHub

Frontend Developer Paid-Intern

Helder Technologies Solutions

06/2025 – 10/2025

Addis Ababa, Ethiopia

- Created and implemented web applications from UI/UX concept to fully functional frontend, integrating AI features to automate tasks, which enhanced user engagement by 25%.
- Redesigned client websites from scratch, improving page performance and usability by approximately 30%.
- Acted as the lead representative for a team of interns, coordinating efforts and guiding contributions throughout the full experience, boosting overall team efficiency and project delivery by 20%.

Technologies: React, TypeScript, PHP

PROJECTS

AI Voice Agent Platform

05/2024

- Developed a conversational AI system facilitating the creation and deployment of voice agents for live dialogue, data extraction, and performance analytics.
- Implemented the agent creation dashboard, real-time transcript testing, Google Sheets integration, and role-based control features, ensuring seamless functionality and automation. Additionally, I led cross-functional collaboration on data logging initiatives.

AI Recruiter System (1st Place - She Codes Hackathon)

01/2024

- Spearheaded the complete development of an intelligent recruitment platform that leverages AI for automated resume parsing, job description analysis, and candidate-role matching, resulting in a 70% reduction in manual screening time.
- Architected the backend infrastructure for a candidate assessment platform, successfully integrating RESTful APIs with a real-time analytics dashboard capable of processing over one million data points each month.
- Recognized as 1st Place Winner for innovation and scalability among 60+ teams.

Tech Stack: React, Tailwind CSS, Node.js, Express.js, MongoDB, Open AI API (GPT), JWT/Auth, RESTful APIs

SKILLS

Programming Languages

JavaScript,
TypeScript, Python, Java, PHP, C++

Databases

MongoDB,
PostgreSQL, MySQL

Frameworks

React, Next.js, Node.js,
Express.js, FastAPI

Other

AI, Machine Learning, UI/UX, Agile

Tools

Git, GitHub, VS Code, Postman, Docker, Figma, Vercel, Jira

ACHIEVEMENTS

She Codes AASTU 1st place Hackathon and BinLab 1st place Hackathon

06/2024

- Won 1st place in two consecutive Hackathons, leading projects that built an AI Recruiter System solving national hiring challenges and an AI-driven Emotion Teller enhancing human-AI interaction.

Received 5+ Certificates of Achievement for participation and innovation in national and international hackathons

- demonstrating consistent technical excellence and creativity. And selected Top 10 Innovative Idea in Bahir Dar University's competition.

LEADERSHIP & COMMUNITY INVOLVEMENT

Bahir Dar University Career Center

Representative and Event Organizer

09/2023 – Present

Bahir Dar, Ethiopia

- Volunteered to organize a University Tech Exhibition, creating opportunities for students to connect with real-world industry innovations.
- Served as a team leader during internships and competitions, effectively managing work allocation, timelines, and team motivation to achieve project success.