



Mulugeta Linger

Nationality: Ethiopian **Date of birth:** 23/02/1994 **Gender:** Male

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Work: Addis Ababa (Ethiopia)

ABOUT MYSELF

I am a dynamic and results-driven professional with a BSc and MSc in Software Engineering. My expertise is in full-stack web development, fueled by a strong commitment to advancing both personal and organizational goals through continuous learning and innovation. I am also deeply interested in the development of machine learning and deep learning applications and their seamless integration into web solutions.

WORK EXPERIENCE

Lecturer

Wollo University [02/07/2024 – Current]

City: Kombolcha | **Country:** Ethiopia

1. Delivering advanced lectures in software engineering topics, focusing on machine learning and deep learning.
2. Guiding both undergraduate and postgraduate research projects.
3. Actively contributing to departmental research initiatives and curriculum development.

Assistant Lecturer

Wollo University [04/04/2020 – 02/07/2024]

City: Kombolcha | **Country:** Ethiopia | **Website:** <https://wu.edu.et/> | **Email:** scientific.kiot@wu.edu.et | **Name of unit/department:** Software Engineering - **Business/sector:** Education

1. Prepare and deliver lectures to undergraduate students.
2. Supervise undergraduate students for their final project
3. Conducting community service projects and researches

IT expert

Ethiopian Envestment Commission [12/11/2022 – 13/11/2023]

City: Addis Ababa | **Country:** Ethiopia

1. Managing IT systems, including computers, printers, scanners and more
2. Supporting Office 365 and cloud- based solutions

Assistant lecturer

Haramaya University [30/10/2018 – 01/04/2020]

City: haramaya University | **Country:** Ethiopia

1. Conducting lectures, seminars, and tutorials on software engineering topic
2. Providing guidance and support to students
3. Collaborating with faculty members on research projects

Projects

XSS Attack Detection Using CNN-BiLSTM Model and Online Learning Approach

1. Developed a project for detecting XSS attacks using a hybrid CNN-BiLSTM model.

2. Integrated a Node.js app to send front-end requests to a Flask-deployed model for XSS detection.
3. Implemented an online learning approach for the model to update itself with new data and address concept drift.

Event Management System

1. Developed a robust web application to streamline the creation, management, and discovery of events.
2. Utilized Node.js, Express, JavaScript and MongoDB to enable efficient event management, including the integration of geospatial data for precise location tracking.

MessageHub

1. Built a web application that allows users to post, access, and share various types of messages.
2. Focused on back-end development using Express.js, MongoDB, and Typescript to handle data securely and efficiently.

Muzic Management App

1. Developed a comprehensive music management application that manages song information, including creating, listing, updating, and removing songs.
2. Used the MERN stack and Typescript to build a scalable and responsive API.

EDUCATION AND TRAINING

Bsc in Software Engineering(CGPA: 3.81/4.0)

Jigjiga University [09/09/2014 – 29/06/2018]

City: Jigjiga | Country: Ethiopia | Website: <https://www.jju.edu.et/>

Msc in Software Engineering(CGPA: 3.47/4.0)

Addis Ababa Science and Technology University [21/10/2021 – 27/05/2024]

City: Adis Ababa | Country: Ethiopia | Website: <http://www.aastu.edu.et/>

HONOURS AND AWARDS

Certification

1. Declaration of completion of online NodeJS course by simple learning.
2. Certificate of Completion of online React JS tutorial by great learning.
3. Developing Front-End Apps with React(COURSERA CERTIFICATE BY IBM)

LANGUAGE SKILLS

Mother tongue(s): Amharic

Other language(s):

English

LISTENING B2 READING C2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION C1

amharic

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

DIGITAL SKILLS

Javascript / Typescript / Node / Express / MongoDB / API Manual Testing and Autmation Testing with Postman and Newman / Web Technologies Fundamentals - HTML, CSS / ReactJS Library / Full-Stack Development with Javascript (Nodejs + Reactjs) / Version Control System (Git) / Cybersecurity Analyst / Maching Learning and Deep Learning / Software testing

REFERENCE

Referee

1. Mr. Leul Aynekulu (MSc): Head of Department of Software Engineering, Wollo University, Email: leul.aynekulu@gmail.com ,Mob: +251922892375.
2. Ms. Haregewoin Mirotaw (MSc): Director of Investment Information & Technology Directorate ,Ethiopian Investment Commission, Email: Haregewoin.Mirotaw@eic.gov.et ,Mob: +251 11 551 98 48.
3. Solomon Zemene (PhD): Assistant Professor, Addis Ababa Science and Technology University, Email: solwub16@gmail.com ,Mob: +251 91 360 6951.