Sisay Negash Mengistu

Date of birth: 01/10/1993

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CONTACT

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ABOUT ME

Software Engineer | Master's Candidate in Software Engineering at Bahir Dar University
Experienced Software Engineer with a Bachelor of Science in Software Engineering from Bahir Dar University, Ethiopia (2019). Currently enhancing expertise through a Master's degree focused on software engineering advancements. Adept at developing scalable and efficient software solutions using emerging technologies to meet business and user needs. Proven track record in applying strong analytical skills, critical thinking, and a collaborative approach to tackle complex challenges in dynamic environments.

- Pursued advanced research focused on innovative software engineering solutions, aiming to contribute significantly to the field.
- Demonstrated capability to apply software development principles and methodologies effectively across various projects.
- Committed to professional development and continuous learning, ensuring alignment with industry advancements and technological innovations.

Seeking to apply my technical skills and knowledge to drive impactful technological solutions and innovations within a forward-thinking company. Eager to contribute to and learn from cutting-edge projects, enhancing both personal growth and organizational success.

WORK EXPERIENCE

09/11/2020 – CURRENT Dire Dawa , Ethiopia

Assistant lecturer Dire Dawa University

As a University Assistant Instructor, my role is multifaceted and integral to the educational experience of both students and faculty members. I provide invaluable support to professors in delivering high-quality instruction by assisting with lectures, tutorials, and discussions. My dedication to grading assignments and exams ensures that students receive fair and constructive feedback, fostering their academic growth. Additionally, my role extends beyond the classroom as you offer vital guidance and assistance to students, helping them navigate their academic journey effectively. my contributions to curriculum development and research projects enrich the learning environment and advance scholarly endeavors within the university community. Through my administrative efforts and commitment to professional .development, you uphold the standards of excellence in education and empower students to achieve their full potential.

EDUCATION AND TRAINING

12/09/2014 – 15/07/2019 Bahir Dar, Ethiopia

Bachelor of Science Degree in Software Engineering Bahir Dar University

Address Bahir Dar, Bahir Dar, Ethiopia

11/09/2022 – CURRENT

Master of Science Degree in Software Engineering Bahir Dar University

LANGUAGE SKILLS

MOTHER TONGUE(S): Amharic

Other language(s):

English

Listening C1	**Spoken production** C1
Reading C1	**Spoken interaction** C1
Writing C1	

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

DIGITAL SKILLS

Software Developement |Object-Oriented Programming |JavaScript |MySQL |SQL |Python |Data Structures |C |C++ |Software testing |PHP Laravel |Data Visualization Tableau (Good Standing) |Power Query ,Power BI

PROJECTS

21/10/2018 – 19/07/2019

Wireless Robotic arm controlled by Android Application

In this project, I used Arduino to instruct central processes of a robotic arm, and Android and Java programming to develop a wireless Android app. Its aim is to facilitate picking and placing desired objects in household, industrial, scientific experiments, and other working areas. It also enables tasks to be performed repeatedly as needed by the user, akin to using a remote control for a TV. I have received one certificate from the Computing Faculty and another from Bahir Dar University for my work, and was awarded the Best Project of the Year for 2018/2019. Additionally, I have completed training on basic life support during the software development life cycle and participated in an exhibition at my university organized by the university's linkage program. I also participated in the International Conference on July 03-08, 2018/2019, where I secured the second position among all projects at my university and received an academic award.

17/09/2017 – 26/02/2018

Properties management system

I was deployed to Amhara Metal Industry and Machine Technology Enterprise Development, where I received a certificate issued by the enterprise, as well as two certificates from Bahir Dar University's Faculty of Computing for my contributions. Additionally, I was honored with the Best Internship Project Award for the year 2018/2019. During the software development life cycle, I underwent training in basic life support and participated in an exhibition organized by the university's linkage program.
In this project, I utilized CSS, PHP, HTML, jQuery, and JavaScript to develop a system aimed at managing properties within the industry. The system facilitates the tracking of shipments across various stores within the industry and provides an efficient method for locating properties within these stores.

RECOMMENDATIONS

Dr. Gebeyehu Belay Department Head

Dr. Gebeyehu Belay has been an influential figure in my academic journey for over seven years. Initially serving as the head of the department during my Bachelor's in Software Engineering, Dr. Belay's guidance and leadership were instrumental in shaping my foundational understanding of the field. His dedication to excellence and commitment to fostering a dynamic learning environment left a lasting impression on me.

Continuing our academic journey together, Dr. Belay also assumed the role of my department head during my pursuit of a Master's in Software Engineering. It was during this time that I had the privilege of being his student once again, this time in the field of Machine Learning. Dr. Belay's expertise, combined with his engaging teaching style, facilitated a comprehensive learning experience. As a testament to his effective instruction, I achieved an exemplary score of A in his course.
Dr. Belay's enduring mentorship and unwavering support have been pivotal in my academic and professional development. His depth of knowledge, coupled with his genuine passion for teaching, continues to inspire me as I navigate through my educational and career endeavors.
- Senior Lecturer and Researcher
- Associate Professor
- Bahir Dar Institute of Technology, Bahir Dar, Ethiopia

Email gebeyehu.belay@bdu.et | **Phone** (+251) 0918728511

Dr. Esubalew Alemneh Director of ICT4D Research Center

Dr. Esubalew Alemneh has been my esteemed thesis advisor for the duration of my academic journey, spanning seven years. His profound impact on my educational and professional development is evident through his mentorship and guidance. Throughout my undergraduate studies in Software Engineering, Dr. Alemneh served as an instructor for essential courses, including Introduction to Software Engineering and Advanced Software Engineering. His thorough instruction laid the foundation for my understanding of software engineering principles and practices.

During my Master's program at Bahir Dar University, Dr. Alemneh continued to influence my academic pursuits by teaching advanced courses in Software Architecture and Empirical Software Engineering. His expertise in these areas enhanced my analytical skills and deepened my understanding of complex software engineering concepts. As I progress through my thesis work, Dr. Alemneh's unwavering support and mentorship have been invaluable, ensuring that I meet the rigorous standards of academic research.

Beyond his role as an educator, Dr. Alemneh has consistently demonstrated a commitment to fostering a nurturing learning environment. His dedication to his students' success is evident in his personalized approach to instruction and his willingness to provide guidance outside of the classroom. Dr. Alemneh's profound influence on my academic and professional journey is a testament to his expertise, dedication, and unwavering support as a thesis advisor.

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