



# Migbaru Tizazu Yihunie


## PERSONAL INFORMATION


Name: Migbaru Tizazu

Nationality: Ethiopian

Sex: Male

## CONTACT

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 Bahir Dar

## SKILLS

- Basic Computer software skill: MS-Word, Ms-Exel, MS PowerPoint, MS-Access
- Programming: C++, python, Embedded system, Matlab and Simulink, Solidworks
- Good Interpersonal communication Skill
- Problem Solving Skill

## LANGUAGE

- Amharic (Native)
- English (Fluent)

## PROJECTS AND RESEARCH

- IOT based smart home appliances control system ( Final, BSc)
- Automatic water sprinkler system (BSc)
- Position measurement system

## CERTIFICATES

- Employability and Job Search skills



## PROFILE

I am a passionate Electromechanical Engineering graduate from Bahir Dar University, with hands-on experience in designing and implementing smart systems that combine mechanical and electrical technologies. For my final year project, I developed an IoT-Based Smart Home Appliances Control System using ESP32, Arduino, sensors (like DHT11 and LDR), relays, and the Blynk mobile app, allowing real-time control of lights and a fan via both Wi-Fi and Bluetooth. This project strengthened my practical skills in embedded systems, automation, and mobile interface integration.

## WORK EXPERIENCE

### Intern-Bahir Dar Textile Share Company, Ethiopia (June, 2024-August 2024) 2 months

- Gained hands- on experience in motor-rewinding, PLC controlling, star-delta connection and motor maintenance.
- Developed strong collaboration and communication skills by working alongside experienced engineers and technical teams.

## EDUCATION

- Electromechanical engineering (BSc), Bahir Dar University, 2021-2025 [GPA: 3.66 Exit Exam: 65%]



## REFERENCES

- Mr.Nahom Alelgn (MSc.),Bahir Dar University,Bhir Dar Institute of Technology:+251-945574178, Email: [nahomalelgn@gmail.com](mailto:nahomalelgn@gmail.com)
- Ms.Tsedal meckuanent (MSc), ,Bahir Dar University,Bhir Dar Institute of Technology: :+251 939414243, Email: [admasutsedale@gmail.com](mailto:admasutsedale@gmail.com)