




Yohannes Kifle

Electro-Mechanical Engineering Graduate

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Summary

Electromechanical Engineering graduate with solid knowledge of electrical systems, electronics, and basic automation, experienced in installation, maintenance, and repair of electrical and mechanical equipment including motor systems, control wiring, basic PLC systems, and machine operations. Skilled in computer maintenance such as software installation and troubleshooting hardware and software issues, with strong problem-solving ability, quick learning skills, teamwork capability, and a strong commitment to workplace safety and improving operational efficiency.

Professional Experience

06/2025
Addis Ababa, Ethiopia

Ethio-Engineering Group, Addis Machinery and spare parts

Electromechanical Intern

- Supported troubleshooting of motors, pumps, and industrial machines
- Performed basic control wiring and electrical system checks
- Participated in preventive maintenance and workshop activities
- Assisted in installation, maintenance of electrical and mechanical equipment
- Followed safety procedures during all technical tasks

Education

2021 – 2026
Addis Ababa, Ethiopia

Bachelor of Electro-Mechanical Engineering

Addis Ababa Science and Technology University

Key courses= Python, C++, Machine learning, Control system ,Modern control system ,Thermodynamics, Visual Instrumentation ,Electrical circuits, Applied Electronics 1,2, Design of Machine element

Skills

- Mat labs
- Basic computer maintenance
- Technical Drawing Reading
- Python and Proteus
- Biometrics
- Basic Mechanical & Electrical Maintenance Awareness
- Proficient in Microsoft Office (Word, Outlook, Excel, PowerPoint,) including document preparation
- Equipment Handling Awareness and Safety Procedures Understanding
- Data collection and data entry

Courses

04/2026 – 08/2026
Addis Ababa , Ethiopia

IT infrastructure and system support

EASE – Skills for Jobs (Qiyas) Project Selam technical and vocational College

- Networking
- Basic computer Maintenance
- Install/Maintain CCTV & Biometrics Attendance Devices

Key Projects

Design and development of linear weaving Machine

5th Year Thesis project

Designed and developed a prototype linear weaving machine to automate basic weaving operations with improved efficiency and consistency. The project involved mechanical design, component selection, fabrication, and system assembly, along with testing and optimization of the weaving mechanism to achieve smooth linear motion and uniform fabric production

Design and Development of an Automated Wall Spray Machine

5th year Design of mechatronics project

Designed and developed a beginner-level automated wall spray machine to improve uniformity in surface painting applications. The system integrates basic electromechanical components such as motors, pumps, and a simple control mechanism to enable controlled spray movement across wall surfaces. The project focuses on automation of manual spraying tasks, improving coating consistency while reducing human effort and time.

Design and development of smart irrigation system

4th year IETP project

soft skills

- Communication Skills
- Time Management
- Teamwork
- Work Under Pressure
- Quick Learning Ability
- Project-management and Client Relationship
- Adaptability

Languages

English



Amharic



References

Mulat Tigabu, Msc in Mechatronics and Robotics Engineering, AASTU

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Declaration

I hereby declare that the information provided in this CV is true and accurate to the best of my knowledge and belief.

Yohannes Kifle M

Addis Ababa, Ethiopia, 2026/2027