

---

# Kernemi Kidane

 Addis Ababa, Ethiopia

 +251911128217

 [kernemikidane63@gmail.com](mailto:kernemikidane63@gmail.com)

 [LinkedIn](#)

 [GitHub](#)

---

## PROFESSIONAL SUMMARY

Junior Machine Learning and Software Engineer with strong foundations in Python, algorithms, and software engineering. Skilled in data analysis, React-based web development, and building functional, efficient applications. Experienced in collaborative workflows using Git and Agile. Currently expanding skills in machine learning, ETL, and model development through structured projects.

---

## TECHNICAL SKILLS

**Languages:** C++, Python, Java, PHP, JavaScript

**Frameworks & Libraries:** React, Node.js, Tailwind CSS, Bootstrap

**Databases:** MySQL, PostgreSQL

**Tools & Platforms:** Git, GitHub, Linux

**Web Technologies:** HTML, CSS

---

## PROFESSIONAL EXPERIENCE

### Machine Learning Trainee — Ten Academy

**Remote | 2025 – Present**

- Working on Python-based data analysis, ETL tasks, and ML model-building fundamentals through structured weekly projects.
- Applying debugging, version control, and performance-focused development to build reliable and efficient ML workflows.

### Front-End Developer (Freelance Projects)

**2025 - present**

- Designed and deployed a responsive business portfolio website using HTML, CSS, and JavaScript, improving usability and online presence.
- Managed version control with Git/GitHub to ensure code stability and clean deployment.

### Front-End Developer - GDG AASTU Hackathon

**Addis Ababa Science and Technology University | Jan 2025 - June 2025**

- Collaborated with a student team to develop a React web app for hackathon participants.
- Presented the final product to judges, highlighting user experience and app functionality.

### Front-End Developer Trainee (ALX Africa)

**Remote | 2024 – 2025**

- Completed an intensive, project-based program focused on HTML, CSS, JavaScript, and React.
  - Collaborated on team projects using Git, GitHub, and Agile workflows.
  - Strengthened UI/UX design and problem-solving skills through real-world challenges.
-

---

## EDUCATION

---

**Addis Ababa Science and Technology University (AASTU)**

*BSc in Software Engineering*

**Expected Graduation : 2027**

*Current CGPA: 3.77*

**Relevant Coursework:** Data Structures and Algorithms, Object-Oriented Programming, Database Systems, Web and Mobile Development, Software Engineering Principles, Computer Networks, Operating Systems, Artificial Intelligence.

**St. Mary's University (Distance Learning Program)**

*BSc in Management*

**Expected Graduation: 2027**

---

## PROJECTS

---

### **Online Bookstore — Web Application**

*Group Project | 2025*

- Built a fully functional online bookstore using HTML, CSS, JavaScript, and PHP.
- Managed book inventory and user data using a MySQL database.
- Applied CRUD operations and handled user authentication with PHP sessions.

### **Restaurant Management System - Java Application**

*Personal Project | 2025*

- Developed a Java-based desktop application to manage restaurant operations such as menu management, orders, and billing.
- Implemented Object-Oriented Programming (OOP) principles to handle modular design.
- Utilized MySQL for database management and JDBC for database connectivity.

---

## SOFT SKILLS

---

- Strong communication and teamwork.
- Problem-solving and analytical thinking.
- Attention to detail.
- Adaptability and willingness to learn.
- Time management and task prioritization.

---

## CERTIFICATIONS AND RECOGNITIONS

---

**GDG AASTU:** *React Track Certificate | 2025*

**IBM SkillsBuild** : *AI Fundamentals Certificate | 2024*

**AASTU and 0101 Volunteering Recognition:** *Event support | 2023*