

LATI TIBABU GAMACHU

Full Stack & Odoo ERP Developer



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PROFILE SUMMARY

Full Stack Developer and Odoo ERP Developer with practical experience in Odoo customization, module development, and ERP implementation. Works with Python, PostgreSQL, Odoo ORM, XML views, QWeb, access control, and workflow automation. Experience includes backend development, REST API integration, system integration, and identity/access management using Keycloak (OIDC, OAuth2, SSO). Focused on translating business requirements into functional ERP solutions and delivering maintainable systems across the software development lifecycle.


EXPERIENCE

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| 08/2025
Addis Ababa | Full Stack Developer / Odoo ERP Developer,
<i>OTech Engineering and Technology Solutions</i>  <ul style="list-style-type: none">• Implemented and deployed 3+ custom Odoo modules for HR, Planning, and Inventory workflows, including backend logic, workflow automation, access control, and data integration.• Implement system integrations, REST APIs, and Keycloak-based identity/access management (OIDC/OAuth2).• Participate in requirements analysis, testing, deployment, and maintenance within a collaborative ERP development team. |
| 07/2024 – 10/2024
Addis Ababa | Software Development Intern, <i>Ministry of Innovation and Technology, Ethiopia</i> <ul style="list-style-type: none">• Co-led backend design and data modeling for SchoolStream, improving scalability and performance.• Developed RESTful APIs and optimized PostgreSQL queries to support user operations. |
| 06/2024 – 07/2024
Remote, Online, India | Machine Learning Intern, <i>TechnoHacks EduTech</i> <ul style="list-style-type: none">• Executed supervised learning tasks for classification and regression on real-world datasets, achieving 85%+ predictive accuracy in sample models. |
| 07/2023 – 10/2023
Addis Ababa | Software Engineering Intern, <i>Ministry of Innovation and Technology, Ethiopia</i>  <ul style="list-style-type: none">• Designed and developed a company website with a custom CMS, gathering requirements and contributing in an Agile workflow. |
| 05/2023 – 06/2024
Adama, Ethiopia | Club Member, <i>CSEC-ASTU (Computer Science and Engineering Club)</i> <ul style="list-style-type: none">• Participated in competitive programming and algorithmic problem-solving to strengthen logical and technical skills. |

EDUCATION

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| 2021 – 2025
Adama, Ethiopia | B.Sc. in Computer Science and Engineering,
<i>Adama Science and Technology University</i> <ul style="list-style-type: none">• CGPA: 3.72/4.0 |
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PROJECTS

- 11/2024 – Present **BeNote**, *Full-Stack Web Application for Student Productivity* 
Sole developer managing requirements, design, backend (API, PostgreSQL) and frontend development. The application, used by 50+ students, includes task management, note-taking, Pomodoro timer, and team collaboration, and is maintained as a personal open-source project.
- 07/2024 – 10/2024 **SchoolStream**, *School Management System*
Engineered a web-based system for managing high school and elementary school operations, focusing on backend architecture, data modeling, and performance optimization.
- 04/2024 – 06/2024 **Uni Pace**, *Mobile E-Learning App (UI/UX Concept)*
Planned and created wireframes and high-fidelity mockups for a self-paced mobile learning platform, focusing on usability and intuitive user flows for university students.
- 08/2025 **Odoo Custom Modules**
Customized and deployed multiple Odoo modules for HR, Planning, and Inventory management, including backend logic, workflow automation, access control, and data integration for production use.

SKILLS

Programming Languages and Frameworks — Node.js, JavaScript, Python, Java, React.js, Next.js, Flutter, Odoo (Python, ORM, XML, QWeb) | **Database Management** — PostgreSQL, MySQL, MongoDB | **Backend & API Development** — REST APIs, Data Modeling, Workflow Automation, System Integration | **Software Development Practices** — Agile, Scrum, Collaborative Development, Version Control (Git, GitHub, GitLab) | **System Design & Analysis** — Data Modeling, Requirements Analysis, Information Architecture | **UI/UX & Prototyping** — Wireframing, Prototyping, Responsive Web Design | **Machine Learning (Academic/Projects)** — Supervised Learning (Classification, Regression), Data Analysis

CERTIFICATIONS

A2SV 2024 AI for Impact Hackathon Certificate of Achievement

A2SV | Africa to Silicon Valley - Issued Aug 2024
Skills: Machine Learning, Mobile Applications, Flask, REST APIs

Intro to Machine Learning

Kaggle - Issued Jun 202
Skills: Machine Learning

Intermediate Machine Learning

Kaggle - Issued Jul 202
Skills: Machine Learning

Responsive Web Design

freeCodeCamp - Issued Aug 2023
Skills: Web Design

LANGUAGES

Afan Oromo — Native

English — Proficient

Amharic — Basic