

# Eleanor Tefera Nigatu

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## WORK EXPERIENCE

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### Adama Science and Technology Office

Adama, Ethiopia

Software Developer

Oct 2024 - Present

- Designed and implemented academic and administrative software applications tailored to the university's operations.
- Collaborated with cross-functional teams to gather requirements and deliver reliable, scalable solutions.
- Provided technical support and training sessions for staff

[Live Demo](#)

### Adama Municipal Office

Adama, Ethiopia

IT Expert

Mar 2024 - Sep 2024

- Modernized municipal systems by deploying secure, cloud-based solutions.
- Led installation, configuration, and maintenance of IT infrastructure.
- Delivered user training and tech support to ensure efficient municipal operations.

### Oasis Infobyte

Remote

Web-App Development & Design Intern

Sep 2024 - Oct 2024

- Built and deployed multiple interactive web applications using HTML, CSS, and JavaScript.
- Created responsive UI components with CSS Grid and Flexbox.
- Designed a to-do list app with CRUD functionality and real-time task updates.
- Developed a basic login/auth system and applied UI/UX principles to design personal and admiration pages.
- Practiced clean coding, modular structuring, version control (Git), and deployment using Vercel.

[Internship Announcement](#) [To-Do App Project](#)

## EDUCATION

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### Ambo University

Adama, Ethiopia

BSc in Computer Science

Graduation Date: Jul 2023

## PROJECT EXPERIENCE

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### Municipal Service Management System

Adama, Ethiopia

[emunicipal paperless System](#)

Sep 2024 - Present

- Integrated financial tracking and document management for auditing and efficiency.
- Designed and developed a municipal service management system to digitize and automate procurement and payment processes for government operations.
- Implemented purchase request workflows, allowing departments to submit, track, and approve purchase orders.
- Designed role-based access control to manage permissions for different user roles, including government officials, finance officers, and vendors. Integrated real-time notifications to update users on request approvals, pending payments, and status changes.
- Implemented PDF report generation, allowing users to generate detailed reports on purchase requests, approvals, and payment statuses for auditing and documentation.
- Designed a request approval system, enabling employees to submit item purchase requests and track approval status. Developed a payment approval workflow, ensuring proper authorization before payments are processed. Optimized the platform for mobile responsiveness, ensuring accessibility for government officials on the go.

### Pharmacy Stock Management System

Adama, Ethiopia

[Laravel \(Backend\), Live Demo](#)

Aug 2023 - Jan 2024

- Built modules for inventory, suppliers, reporting, and real-time stock alerts with role-based access.
- Engineered a dynamic **product management system**, enabling seamless addition, categorization, and real-time updates of pharmaceutical inventory.
- Streamlined **purchases and sales tracking**, ensuring accurate logging of transactions and enhancing supply chain transparency.

- Built a robust **supplier management module**, allowing efficient monitoring of supplier profiles, contracts, and delivery timelines.
- Automated **data-driven reports** for sales, inventory levels, and purchasing trends, empowering managers to make smarter stock decisions.
- Implemented **role-based access control**, securing sensitive data and aligning user privileges with organizational hierarchy.
- Designed a **personalized user management system** to support account configuration, permissions, and activity history.
- Developed a centralized **settings module** for effortless customization of system-wide preferences and application behavior.
- Crafted a visually intuitive **dashboard** highlighting critical metrics, real-time alerts, and inventory insights for pharmacy staff.
- Deployed **low-stock notification alerts**, proactively reducing the risk of stockouts and ensuring uninterrupted patient care.

**Du-PMS – Project Management System:** [Live Demo](#)

Sep 2023 - Dec 2023

Tech Stack: Laravel, React, WebSockets

- Designed and built a **custom project management platform** tailored specifically for Laravel development teams, simplifying the lifecycle of client, project, and task coordination.
- Implemented flexible **user role management** (Client, Manager, Developer, Designer), enabling granular permission control and secure access across diverse stakeholders.
- Developed powerful **task management workflows**, with drag-and-drop stages (To-Do, In Progress, QA, Done, Deployed), assignee tracking, labeling, time tracking (manual & live timer), attachments, subscriptions, and threaded comments.
- Integrated **real-time updates and notifications** using WebSockets to promote instant collaboration and eliminate communication delays.
- Enhanced focus and productivity by building **advanced task filters** and personalized "My Tasks" views.
- Created a sleek **invoice generation system** that converts time-tracked, billable tasks into professional, downloadable invoices.
- Engineered **dynamic dashboards** visualizing project progress, task distribution, and team activity in real-time.
- Designed **daily and cumulative time reports**, enabling transparent performance monitoring and boosting team accountability.
- Added **@mention functionality** in tasks and comments to streamline internal communication and improve coordination.
- Introduced a **dark mode UI** to elevate user experience and support visual comfort based on personal preferences.
- Enabled **multi-language support**, empowering diverse teams to operate efficiently in their preferred language.

**Uber-like Ride Booking App**

Adama ,Ethiopia

Flutter & Firebase

Oct 2023 - Mar 2025

- **User Authentication:** Developed user and driver registration and login systems.
- **Profile Management:** Implemented features for users and drivers to view and manage their profiles and vehicles.
- **Location Services:** Enabled geocoding, reverse geocoding, and real-time location tracking.
- **Ride Management:** Created functionalities for users to request rides and drivers to accept them.
- **Search and Navigation:** Integrated autocomplete in search and provided directions from pickup to drop-off.
- **Availability Management:** Developed features for drivers to toggle online/offline status.

**SKILLS & INTERESTS**

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- Technical Skills**
- **Backend:** Laravel, Python (Django)
  - **Frontend:** React, JavaScript, HTML/CSS
  - **Database:** MySQL, NoSQL
  - **Tools & Methods:** Git, Postman, Agile/Scrum
  - **Udacity Nanodegrees:** AI Fundamentals , Data Analysis, Android Development, Programming Fundamentals.

**Interests:** Digital Solutions for Social Impact

**LEADERSHIP & GLOBAL COMPETENCI**

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## Aspire Leaders Program

Harvard-affiliated, Global Top 5K Scholar 2025

Start Date - Finish Date

- **Top 5k among** 25,000+ Aspire applicants.
- **Cross-Cultural Leadership:** Collaborated with 150+ global peers in Aspire's tech-for-good challenges.
- Completed intensive modules focused on **personal development, critical thinking, inclusive leadership, and social impact.**
- Collaborated with a global cohort of emerging leaders, participating in **interactive seminars, mentorship sessions, and real-world problem-solving** challenges.

### ADDITIONAL PROJECTS

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I have several other projects in progress, covering various domains including **web applications, business management systems, and tailored solutions for clients.** Additional project details are available upon request.