

LEAH ACHIENG

Full-Stack Developer | Building Scalable Web Applications

Chuka, Kenya | +254 704 607 226 | olaachieng123@gmail.com

LinkedIn: [linkedin.com/in/leah-achieng-a3b8a9360](https://www.linkedin.com/in/leah-achieng-a3b8a9360) | GitHub: github.com/Leah-art115

Professional Summary

Full-stack developer with experience designing and deploying **end-to-end web applications**. Skilled at building **secure APIs, interactive dashboards, and responsive user interfaces** using Angular, NestJS, PostgreSQL, and Prisma. Passionate about delivering **scalable, maintainable solutions** that enhance user experience.

Internship Experience

Full-Stack Developer Intern | Teach2Give | May 2025 – Aug 2025

- Delivered **four full-stack applications** (e-commerce, e-learning, car rental, courier system) within a 3-month program, demonstrating speed and adaptability.
 - Designed **role-based dashboards** (users, admins, drivers, instructors, car owners) to reflect real-world workflows.
 - Implemented **REST APIs, authentication, payment integration, and Google Maps-powered parcel tracking**.
 - Applied **Agile methodologies**, collaborating on project planning, sprints, and iterative development.
 - Produced **production-ready systems** with scalable backends, optimized queries, and responsive UIs.
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Project Experience

E-Commerce Application

Developed a full-stack e-commerce platform where users could sign up, log in, browse and search products, add items to a cart, and securely check out with automatic total calculations. Built an **admin dashboard** that allowed sellers to add and categorize products, ensuring new listings appeared instantly. Focused on **authentication, cart management, and responsive UI/UX** to deliver a polished and realistic shopping experience.

E-Learning Platform

Created an e-learning portal with **distinct roles for admins, instructors, and learners**. Learners could access course material, track progress, complete quizzes and exams, and receive certificates upon completion. Instructors applied via a structured process (CV upload + admin approval) before publishing courses. Admins oversaw the entire system, approving instructors and ensuring quality. Implemented **progress tracking, review systems, and certificate generation** to mirror real-world learning platforms.

Car Rental System

Built a rental service where **users could browse cars, reserve/book them for limited durations, and leave reviews**. Car owners applied to become renters, pending admin approval before listing vehicles with images, names, and descriptions. Admins managed renter applications and system operations. Focused on **multi-role management, booking flows, and secure authentication** to ensure smooth interactions between users, owners, and admins.

Courier Management System

Designed a courier platform with **role-based dashboards** for admins, drivers, and users. Users could create and track parcels in real time via **Google Maps integration**. Admins managed drivers, assigned deliveries, and oversaw parcel statuses. Drivers updated their availability and location for accurate delivery tracking. Implemented **driver assignment, parcel history, and notifications**, resulting in a realistic logistics system.

Technical Skills

Frontend: HTML, CSS, JavaScript, TypeScript, Angular, Tailwind CSS

Backend: NestJS

Databases & ORM: PostgreSQL, Prisma

Tools & Platforms: Git, GitHub, REST APIs, Google Maps API, Agile Development, Vercel, Netlify, Cypress

Other Skills: Authentication & Authorization, Payment Integration, Responsive UI/UX, Real-Time Tracking