



ADISON CHERUIYOT

FULL STACK WEB DEVELOPER

PROFILE

A results-driven Full Stack Web Developer leveraging expertise in the PERN stack (PostgreSQL, Express.js, React, Node.js) to build scalable, high-performance web applications. Seeking to apply strong technical skills in full-lifecycle application development, robust database design, and optimized code delivery to a challenging Software Engineering role. Proven ability to deliver solutions that enhance user experience and operational efficiency.

EXPERIENCE & PROJECTS

Kenya Agricultural & Livestock Research Organization (KALRO), Tea Research Institute

ICT Intern (Industrial Attachment) | JAN 2024-APR 2024

- Executed installation and configuration of new LAN infrastructure and system software across 2 administrative departments, ensuring 100% network uptime during the attachment period.
- Streamlined L1/L2 technical support for 50+ staff members, resolving an average of 8 hardware/software tickets daily to maintain operational continuity.
- Collaborated with the senior IT team on critical server migration and maintenance projects.

Afyalink HMS (Solo Project)

Hospital Management System | May 2025-Aug 2025

- Architected and developed a full-stack Hospital Management System using React, Node.js, and PostgreSQL to automate and streamline clinical and administrative operations.
- Engineered a robust relational database schema (PostgreSQL) that supports 4 core modules (Patient Records, Billing, Staff Management, Clinical Notes).
- Delivered role-based dashboards for Admin, Nurse, and Doctor users, improving potential workflow efficiency by an estimated 30% via an intuitive UI/UX.
- Optimized database queries and REST API endpoints, reducing average data load times by 45% across critical patient search functions.
- Containerized the entire application using Docker, simplifying the deployment pipeline and ensuring environment consistency.

Cargo Booking System (Group Project)

Web-Based Logistics Platform | Sept 2023-Dec 2023

- Developed the complete back-end logic using Node.js and SQLite3, including user authentication and comprehensive booking management, capable of processing 100+ simulated transactions per hour.
- Collaborated with a 2-person team on database design and front-end integration, improving data retrieval efficiency for cargo and user profiles by 20%.

CONTACT

📞 [+254703861726](tel:+254703861726)

✉️ adisoncheruiyot55@gmail.com

📍 Kampi ya moto, Nakuru, Kenya

🌐 <https://adisondevlabs.vercel.app/>

EDUCATION

KABARAK UNIVERSITY 2021 - 2025

- B.Sc. in Information Technology

TECHNICAL SKILLS

- Languages: JavaScript (ES6+), HTML5, CSS3, SQL
- Front-End: React, Vite, Tailwind CSS
- Back-End: Node.js (Express.js), REST APIs, Authentication
- Databases: PostgreSQL, SQLite3, MongoDB (learning)
- Tools: Git, GitHub, Docker, npm, pnpm, VS Code

SKILLS

- Collaboration
- Problem Solving
- Effective Communication
- Critical Thinking

LANGUAGES

- English (Fluent)
- Swahili (Fluent)