

LANTUMO BIRHANU

Full Stack || Next.js || Nest.js Developer

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SUMMARY

I am an innovative Full Stack Web Developer Intern known for high productivity and efficient task completion. Skilled in Next.js , Nest.js , Typescript JavaScript, React, and Node.js with a strong ability to troubleshoot complex web applications. I excel in time management, teamwork, and adaptability, ensuring successful project outcomes and effective collaboration with peers. Highly astute, I have a detailed understanding of cultivating long-term policies and procedures to drive change, and excel in handling relationships with company clients

EXPERIENCE

Full Stack Web Developer Intern

Nile Technology

04/2025 - 01/1970 Hawassa, Ethiopia

A technology company focused on web development projects

- Contributed to the development of a full-featured e-learning platform designed to support students, teachers, and administrators with tools for course delivery, progress tracking, and communication
- Built reusable frontend components using React.js and styled them with Tailwind CSS, ensuring accessibility and responsiveness
- Developed RESTful APIs and integrated MongoDB for storing course materials, user data, assessments, and feedback
- Implemented secure authentication and role-based access control for different user types (students, teachers, admins)
- Collaborated closely with UI/UX designers and QA engineers to ensure smooth user experience and high-quality delivery
- Utilized Git, Agile methodology, and Jira for version control and task tracking across cross-functional teams

Full Stack Web Developer

Zema Coders

02/2025 - 01/1970 Addis Ababa

A software development company

- Developed a scalable e-commerce platform similar to Amazon, with core features including product search, filters, cart, wishlist, checkout, order tracking, and admin dashboard
- Used React.js and Tailwind CSS to create responsive, user-friendly interfaces and built reusable components for high development efficiency
- Implemented secure authentication, authorization, and role management for users, vendors, and admins
- Integrated Stripe for payment processing and handled cart/checkout logic with robust error handling and validations
- Built and optimized backend services using Node.js, Express, and MongoDB, ensuring smooth performance and secure data transactions
- Focused on performance optimization, lazy loading, and SEO best practices for a seamless shopping experience

EDUCATION

Bachelor's Degree in Electrical and Computer Engineering

Arbaminch University

02/2025 - 01/1970 Arbaminch

Internship

Nile Technologies Pvt.

01/2025 - 03/2025 Ethiopia

Internship

Ethio telecom

2024 Ethiopia

SKILLS

Frontend

Next.js React.js TypeScript
JavaScript Tailwind CSS Redux

Backend

Node.js Express.js NestJS REST API
GraphQL PostgreSQL MongoDB
MySQL Prisma ORM

Tools & Libraries

Prisma NextAuth.js Socket.io
TanStack Query React Query Swagger
OpenAPI API Documentation

PROJECTS

Feedback Management Portal (Ethio Telecom)

2024 - 2025 Ethiopia

Developed a web-based portal for collecting and managing feedback, enhancing communication and decision-making within the organization.

- built and deployed an internal tool to collect, analyze, and visualize employee feedback
 - Increased response collection by 3x within the first month
 - Designed custom dashboards using Chart.js for management insights

Cafeteria Automation System (Arbaminch University)

2024 - 2025 Ethiopia

Streamlined meal tracking, attendance, and café operations with QR code attendance and real-time chat.

- Developed a role-based cafeteria system automating daily student meal tracking across 3 campuses
 - Integrated QR code scanning and real-time attendance logging
 - Reduced manual entry workload by over 80%

Dorm Management & Excel Import Tool

2024 Ethiopia

Created a system to manage dorm availability, automate assignments, and handle equipment, with data import via Excel for efficiency.

- Built an admin dashboard with Excel data import support for 500+ student profiles
 - Automated student-to-dorm assignments and approval workflows
 - Improved data handling speed by 60% and accuracy by 90%