

# ANDINET DEREJE

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## Professional Summary

Full-Stack and Mobile Engineer with a background in building high-concurrency applications for government and private sectors. Specialized in TypeScript (Next.js/Nest.js) and Python (Django) ecosystems. Proven ability to architect scalable microservices and lead frontend development for real-time enterprise dashboards.

## Technical Skills

**Languages & Frameworks:** React, Next.js, TypeScript, Node.js, Nest.js, Python (Django), Prisma ORM

**Mobile & Database:** Flutter, kotlin, PostgreSQL, MySQL, Redis, MongoDB

**Infrastructure & DevOps:** AWS, Docker, CI/CD Pipelines, Terraform, Linux System Administration

## Professional Experience

### Innovation and Technology Development Bureau (ITDB)

June 2025 – Present

Full Stack Engineer

Addis Ababa, ET

- Architecting high-performance frontend systems using Next.js 15, reducing latency for real-time data streaming on enterprise-level dashboards.
- Leading the migration of legacy data modules to a reactive architecture, increasing system responsiveness by 40%.

### Wegegta Tech

Sep 2024 – Oct 2025

Full Stack Developer

Remote/Addis Ababa

- Engineered and optimized scalable microservices using Nest.js and PostgreSQL to handle distributed client requests.
- Streamlined developer velocity by implementing standardized Docker workflows across three major project modules.

## Selected Projects

### AWCSA Bureau Management System

Tech: Next.js, Nest.js, Prisma, PostgreSQL

- Digitalized administrative workflows for the Addis Ababa City Administration, serving thousands of citizens via an integrated adoption and welfare management platform.
- Built secure modules for Edir (community services) and Women's registration, ensuring data integrity for sensitive government records.

### Sabawiyen Leather E-Commerce

Tech: Next.js, Django, Docker

- Developed an SEO-optimized global marketplace for a premier leather manufacturer, resulting in improved search rankings and user retention.
- Orchestrated a containerized deployment pipeline, ensuring consistent environments across development and production.

### Weave AI Task Manager

Tech: Next.js, Django, n8n Automation

- Integrated AI-driven task processing by connecting custom Django backends with n8n automation workflows, reducing manual task entry for users.

## Education

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**Addis Ababa Science and Technology University**  
Bachelor of Science in Software Engineering

*Exp. 2026*  
Current Status: 5th Year

## Awards & Recognition

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**1st Place Winner** – Annual Hackathon Competition

*ROSATOM & RUDN University*

Ranked 1st among competitive teams for developing a technical solution under high-pressure constraints.