

DAGMAWI KINDU MEKONNEN

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PROFESSIONAL SUMMARY

Results-driven Full-Stack Software Developer with 3+ years of experience designing and building scalable systems and high-performance architectures. Proven track record of leading development teams, delivering end-to-end solutions across web and mobile platforms, and driving reliability in production environments. Adept at rapidly adapting to new technologies and responsibilities while maintaining a strong focus on code quality, security, and system performance.

TECHNICAL SKILLS

Languages	C#, JavaScript (ES6+), TypeScript, Dart
Backend	NestJS, .NET Core 8, Node.js, BullMQ, Redis
Frontend	React.js, Next.js, Handlebars, Vanilla JS
Mobile	Flutter
Databases	MySQL, PostgreSQL, MongoDB, MSSQL
DevOps & Cloud	Docker, CI/CD, Nginx, AWS S3, Bunny CDN
Tools & Other	Figma, Git, FTP, IoT Integration, REST APIs

WORK EXPERIENCE

Full-Stack Software Developer | **Arifpay Financial Technologies** — Addis Ababa, Ethiopia

July 2023 – Present

Backend Developer Intern

- Connected Flutter mobile applications to **FTP servers**, automating POS transaction data ingestion into databases
- Built solutions for **automatic data transfer and processing** from POS devices, improving operational efficiency
- Contributed to **IoT server management libraries**, customizing and developing new components to support device communication
- Assisted in architecting and strengthening **backend systems** for improved data reliability

Full-Stack Software Developer — Terminal Management System (Team Lead)

- Led development of the **Terminal Management System (TMS)**, delivering the first production-ready frontend using Vanilla JS and Handlebars
- Architected and maintained the **NestJS + MySQL backend**, including remote POS control, transaction management, and device monitoring features
- Implemented **asynchronous background services** using Redis and BullMQ for reliable task queue processing
- Contributed to **security and compliance policies**, ensuring the system met financial industry standards
- Collaborated on the **Next.js frontend migration**, ensuring continuity of functionality throughout the transition

Full-Stack Software Developer — Arifpay Admin Dashboard

- Developed and maintained the **Admin Dashboard backend** using .NET Core 8 and PostgreSQL for a large-scale payment platform
- Built features for **merchant management, account monitoring, and transaction tracking**
- Implemented **advanced reporting, real-time monitoring**, and APIs for customizable dashboards
- Collaborated with the React.js frontend team to deliver seamless **API integration and data access**

Mobile Developer — Arif FM

- Built the **Arif FM live audio streaming platform** for radio stations using Flutter
- Implemented **live radio streaming, news feed features**, and subscription-based access management
- Delivered a responsive, performant UI with **seamless audio playback** across device types

Backend Team Lead — Arts Plus

- Led backend development for **Arts Plus**, a multi-platform video streaming service (web, mobile, admin) built on .NET Core 8
- Designed **scalable APIs** for video streaming, user management, and subscription services
- Integrated **Bunny CDN** for cost-efficient delivery, Redis for caching, and AWS S3 for storage
- Managed the development team, coordinating tasks and ensuring on-time delivery of project milestones

Backend Software Developer (Intern) | Awra Delivery — Addis Ababa, Ethiopia

May 2023 – July 2023

- Developed features for an **e-commerce platform** using NestJS (backend) and React (frontend)
- Contributed to a **real-time chat application** built with NestJS, React, and Flutter for mobile
- Supported **call center training** by documenting and explaining system workflows and application usage
- Produced **marketing and promotional materials** using Figma

EDUCATION

Bachelor of Science, Computer Science — HiLCoE School of Computer Science and Technology, Addis Ababa, Ethiopia

Graduated: February 2023

CERTIFICATIONS

Marketable Software Development 101 Training

LANGUAGES

English (Professional), Amharic (Native)