

Asfaw Gedamu Haileslasie

Addis Ababa, Ethiopia | 📞 +251 911 510 063 | ✉ [Email](#) | 🌐 [LinkedIn](#)

Professional Summary

Results-driven IT professional with 18 years of experience in telecommunications, fintech, and talent development. Proven expertise in bridging technical solutions with workforce readiness by designing impactful training programs, leading enterprise systems projects, and driving digital transformation initiatives. Hands-on experience with telecom billing systems, data integration, and large-scale platform optimization, combined with deep knowledge of cloud foundations, solution architecture concepts, and emerging technologies. Skilled at developing technical teams to deliver scalable and secure solutions aligned with organizational goals.

Core Competencies

- Solution Architecture & System Design
- Telecom Billing Systems (OCS, Convergent Billing, ERP Integration)
- Cloud Concepts & Emerging Technologies (Microservices, Containerization)
- Data Warehousing, Analytics & Machine Learning
- Cybersecurity & Information Security
- Technical Training Design & Workforce Development
- Project Management & Cross-Functional Leadership
- Programming: Python, Java, SQL, Oracle DB, Linux

Professional Experience

IS Offers Program Expert

Telecom Excellence Academy | Ethio Telecom | Addis Ababa, Ethiopia | 2021 – Present

Lead talent development initiatives to prepare Ethio Telecom teams for emerging technologies and evolving business needs. Design and deliver training programs that align with organizational strategies for cloud, cybersecurity, machine learning, and telecom systems, enabling technical teams to implement scalable and secure enterprise solutions.

- Designed and facilitated advanced training programs in cloud architecture, cybersecurity, FinTech, and telecom billing systems.
- Upskilled 120+ technical employees through virtual and in-person training, improving workforce readiness and performance.
- Developed curricula and resources that bridge theoretical knowledge with practical, enterprise-grade implementation scenarios.
- Collaborated with senior leadership to align talent development with strategic priorities and technology roadmaps.

IT Applications Specialist

CBS & UVC | Ethio Telecom | Addis Ababa, Ethiopia | 2014 – 2021

- Managed convergent billing, unified voucher center, and e-top-up systems, maintaining 99.9% uptime for millions of users.
- Led modernization of voucher management systems, generating 1.3 billion birr in additional revenue and reducing errors by 95%.
- Integrated ERP and revenue assurance systems, streamlining ETL processes and improving data accuracy by 30%.
- Ensured system scalability and compliance with ISO and SOX requirements.

Data Warehouse & Data Quality Specialist

OCS & VC | Ethio Telecom | Addis Ababa, Ethiopia | 2013 – 2014

- Delivered actionable revenue assurance reports to senior leadership, supporting data-driven decisions.
- Implemented data quality frameworks that resolved 85% of discrepancies across IT platforms.
- Improved visibility into operational metrics by standardizing reporting practices.

IT Functional Architect & Project Manager

OCS & VC | Ethio Telecom | Addis Ababa, Ethiopia | 2011 – 2013

- Directed the deployment of Online Charging System (OCS) and Voucher Center projects from planning to production.
- Reduced voucher production time by 50% while improving quality and eliminating costly errors.
- Collaborated with cross-functional teams to align solution designs with business needs and compliance standards.

Earlier Roles

Held progressive roles from Junior Programmer to IT Expert and Programmer (2007 – 2011), contributing to mobile network optimization, prepaid services reliability, and core telecom system operations.

Education

- Master of Science, Information Science – Addis Ababa University (Specialized in NLP & Machine Learning)
- Bachelor of Science, Computer Science – Mekelle University
- Bachelor of Arts, Journalism & Communication – Addis Ababa University

Certifications

- Deep Learning Specialization – Coursera (2023)
- Machine Learning Specialization – Coursera (2023)
- Certified Learning & Development Professional – Ethio Telecom (2023)

Key Achievements

- Generated 1.3 billion birr in revenue by modernizing voucher card systems, reducing customer complaints by 40%.
- Designed and led a pioneering machine learning training program, upskilling 100+ professional.
- Delivered an advanced cybersecurity course, strengthening digital defenses for 46 professionals.
- Awarded Employee of the Year (2015) and recognized for leadership in mobile network core unification (2009).