Tadese Worku *Software Engineer*

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in https://www.linkedin.com/in/tadese-worku-a36188252/

🔗 https://nextjs-portfolio-liard-seven-91.vercel.app/

Full Stack Software Engineer with 2+ years of experience building scalable financial applications and secure integrations for the banking sector. Combines strong backend architecture skills with frontend engineering and DevOps practices to deliver reliable, high-performance solutions.

💼 PROFESSIONAL EXPERIENCE

Junior Software Developer & Database Administrator,
Goh Betoch Bank SC
01/2026 – Present
Addis Ababa, Ethiopia

- Administer and optimize PostgreSQL and MongoDB databases for critical banking applications.
- Engineer and maintain secure integrations with third-party payment systems.
- Implement system-wide error handling and logging mechanisms to enhance reliability.

Junior Application Administrator,
Goh Betoch Bank SC
09/2024 – 12/2025
Addis Ababa, Ethiopia

- Developed full-stack features for customer-facing financial applications using React Native and Spring Boot.
- Integrated external verification systems using standard OIDC and REST/SOAP protocols.

IS Trainee, *Goh Betoch Bank SC*
09/2023 – 09/2024
Addis Ababa, Ethiopia

- Supported core banking systems ,frontend and API integrations.

🎓 EDUCATION

Woldia University,
B.Sc. in Computer Science
2019 – 2022 | Woldia, Ethiopia

🧠 SKILLS

Languages: JavaScript, TypeScript, Java, C#, Python, PHP

Frontend: React, Next.js, React Native, Tailwind CSS, Bootstrap

Backend/ Frameworks: Node.js, Express, NestJS, Spring Boot, ASP.NET 🔗 , Django

Databases: PostgreSQL, MySQL, SQL Server, MongoDB

Architecture & Tools: Microservices, CQRS, Domain-Driven Design (DDD), Clean Architecture, Docker, GitHub Actions

Platforms & APIs: WSO2 API Manager, WSO2 Micro Integrator, Temenos T24, REST, SOAP, OAuth2, Firebase

📁 PROJECTS

Mobile Banking Application,
Full-stack development of React Native mobile app with Spring Boot backend
2024 – 2025

- Participated in developing the customer-facing mobile app and admin portal.
- Integrated with core banking APIs and third-party payment services.
- Applied CQRS and Clean Architecture principles for a maintainable codebase.
- Served over 2,000 active users.

integration of the National ID (Fayda)
2025 – 2025

- Contributed to integrating the national ID verification system using OIDC-based authentication with EthSwitch APIs.
- Streamlined the KYC process, significantly reducing manual verification time.

Foreign Currency Allocation System, *Next.js frontend for financial management system*
2023

- Developed the frontend interface for managing foreign currency allocations.
- Built a responsive UI with Next.js and Tailwind CSS, integrated with real-time banking APIs.

📇 CERTIFICATES

Mobile Banking Application Development – Goh Betoch Bank

API & Third-Party Integrations (WSO2) – Professional Training ()

API & Web Services – Goh Betoch Bank

Python Essentials I – Cisco Networking Academy

JavaScript Essentials I – Cisco Networking Academy

Networking Fundamentals – Cisco Networking Academy