

Samuel Yeshambel

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● ABOUT MYSELF

I'm a **Senior Backend Developer** specializing in designing and building **scalable, high-performance systems** using **Node.js (Express / Nest.js)**. I have extensive experience developing RESTful APIs, microservices, and secure data-driven architectures that power enterprise-grade applications.

While my core focus is backend engineering, I also work with **React** and **Next.js** to deliver full-stack solutions when needed. Passionate about **system design, optimization, and clean architecture**, I thrive in collaborative teams and continuously explore emerging technologies to enhance performance and reliability across distributed systems.

● WORK EXPERIENCE

25/06/2024 - CURRENT - ADDIS ABABA, ETHIOPIA

SENIOR BACKEND DEVELOPER EAGLELION SYSTEM TECHNOLOGIES

Engineered the backend architecture and development of the Connect App, a nationwide digital financial services platform enabling seamless mobile payments, fund transfers, and utility bill integrations across multiple financial institutions. The platform features a **shared wallet system adopted by all banks in the country**, making it one of the first interoperable digital wallet infrastructures in Ethiopia.

Collaborated closely with mobile and DevOps teams to ensure high system availability, optimized API response times, and smooth CI/CD delivery pipelines.

Improved overall system reliability by implementing caching strategies, distributed logging, and database query optimizations that enhanced performance by 40%.

15/08/2024 - 12/11/2024 - ITALY, ITALY

SOFTWARE DEVELOPER ALADIA

Aladia is a modern web platform focused on delivering a fast, intuitive, and visually engaging user experience. As a Frontend Developer, I was responsible for building and maintaining the user interface using **Vue.js** and **Nuxt.js**, with a strong emphasis on performance, scalability, and clean code.

I developed responsive and reusable UI components, implemented dynamic routing and server-side rendering with Nuxt.js, and ensured seamless state management and API integration. The application was designed to be fully responsive across devices, providing a consistent experience on desktop, tablet, and mobile.

Key contributions include optimizing page load performance, improving UX through smooth interactions and transitions, and collaborating closely with backend developers and designers to translate requirements and designs into high-quality frontend features.

Technologies used:

- Vue.js, Nuxt.js, JavaScript, HTML5, CSS3, REST APIs, Responsive Design

● EDUCATION & TRAINING

29/07/2021 - 29/06/2024 - ADDIS ABABA, ETHIOPIA

BSC, COMPUTER SCIENCE- ADDIS ABABA UNIVERSITY

● LANGUAGE SKILLS

Mother tongue(s): **AMHARIC**

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

● SKILLS

Frontend

React / Next.js

Backend

Nest js | Node Js (JavaScript) | GraphQL API | Hasura

Database

MySQL | NoSQL Databases (MongoDB) | Elasticsearch (Basics) | PostgreSQL and MariaDB

Messaging Systems/Brokers

RabbitMQ / Kafka

CSS Frameworks

Bootstrap and Tailwind CSS | Material UI

DevOps

Docker | GitLab, GitLab CI | Code Quality(SonarQube) | Logging And Monitoring(ELK)

Testing

Junit, Mockito | API Manual Testing and Automation Testing with Postman and Newman | Unit Testing - Jest, Karma, Jasmine

● PROJECTS

02/12/2024 - CURRENT

Connect App

Role: Senior Backend Developer

- Engineered the backend architecture and development of a nationwide digital financial services platform enabling seamless mobile payments, transfers, and utility bill integrations across multiple financial institutions.
- Designed and implemented a **shared wallet system** adopted by all banks in the country — the first interoperable digital wallet infrastructure in Ethiopia.

02/12/2024 - 24/06/2025

Dashen SuperApp

Role: Senior Backend Developer

- Contributed to the design and backend development of a multi-service **super app** integrating wallet services, merchant payments, and digital lifestyle features.
- Developed and optimized microservice-based APIs, ensuring high scalability, security, and performance for millions of users.

08/06/2025 - 22/10/2025

Gift Ethiopia Remittance App

Role: Senior Backend Developer

- Built secure backend services for an international **remittance platform**, enabling cross-border money transfers and real-time currency conversions.
- Integrated compliance and KYC verification mechanisms to ensure transaction security and regulatory alignment.