Liya Tegared Bitew
Addis Ababa, Ethiopia • +251 945 117 798
 liyategared85@gmail.com
linkedin.com/in/liya-tegared-bitew • github.com/liateg

Professional Summary

Junior backend developer specializing in Node.js, Express, and database-driven systems.
Passionate about designing clean APIs, building reliable backend architectures, and applying
Data Structures & Algorithms to solve real engineering problems.
Known for fast learning, strong communication, and the ability to break down complex problems.
Highly motivated to grow through real projects, mentorship, and team collaboration.

Technical Skills

- **Languages:** JavaScript, Typescript, Python
- **Backend:** Node.js, Express.js, REST APIs, Prisma ORM
- **Databases:** PostgreSQL, MongoDB, SQLite
- **Caching:** Redis (eviction policies, optimization strategies)
- **Authentication & Security:** API keys, secure workflows, JWT
- **Tools:** Git, GitHub, Postman, Google Colab
- **Foundations:** Algorithms, data structures, ML basics

Soft Skills

- Strong analytical & problem-solving ability
- Clear communication and teamwork
- Fast learner, highly adaptable
- Teaching & mentorship experience
- Leadership in curriculum and project coordination

Education

Bachelor of Science in Software Engineering
 Addis Ababa University — Addis Ababa, Ethiopia
 Expected Graduation: June 2028

Experience

Python Trainer & Technical Mentor — iCog (2024)

- Delivered hands-on Python & algorithm sessions.
- Mentored learners in debugging and structured problem-solving.

Curriculum Developer & Team Leader — Juventus Sport Club (2025)

- Built a coding curriculum focused on algorithmic thinking.
- Led instructional sessions and guided students through projects.

Projects

API Key Management System — Backend Project (2025) | [Link](#)

- Designed API key lifecycle system with Node.js, BetterAuth, MongoDB, and Redis.

- Implemented secure key generation, validation, rotation, and revocation.

- Built a modular architecture with caching.

- Strengthened understanding of backend security and system reliability.

Eventify — Event Management App | [Link](#)

- Developed REST APIs using Node.js, Express, PostgreSQL, and Prisma ORM.

- Implemented full CRUD operations for events and schedules.

- Added secure user authentication and role-based access.

- Improved API structure, error handling, and modular backend patterns.

Book-Note v2 — Personal Notes App (Backend) | [Link](#)

- Built backend for a notes/reading tracker application using Node.js & Express.

- Implemented CRUD notes management, authentication, and user workflows.

- Practiced clean folder structure, routing, controllers, and middleware.

- Demonstrated consistent backend design principles.