# Musse Gebreezgabher *Software Engineer*

musseg437@gmail.com +393509914757 mussegkel musseGkel Genova, Italy

musse.vercel.app/

## PROFILE

Full-stack software developer experienced in building scalable web, mobile, and AI-powered applications, with a strong focus on performance, clean architecture, and efficient delivery. Collaborative team player and fast learner, consistently delivering high-quality solutions on time.

## EDUCATION

**Master's degree in Computer Science** 09/2023 – present
*University of Genoa* Genoa, Italy

**Bachelor of Science in Software Engineering** 10/2017 – 09/2021
*Addis Ababa Science and Technology University* Addis Ababa, Ethiopia

## PROFESSIONAL EXPERIENCE

**Software developer** 04/2024 – 10/2024
*Widecons* Genoa, Italy
- Analyzed, designed, and optimized new features across the system
- Integrated GPT-based AI to enhance functionality, automation, and performance

**Software developer** 04/2022 – 10/2023
*6irdview* Addis Ababa, Ethiopia
- Developed and maintained games, social media, and education apps.
- Tested, debugged, optimized performance, and ensured compatibility across devices.

**Front End Developer** 04/2022 – 05/2022
*Qinash Technologies* Addis Ababa, Ethiopia
- Develop and maintain Qinash Mobile & Web app.
- Led interns, mentored junior engineers, and ensured coding best practices.
- Integrated backend APIs, utilized Getx for stability, and enhanced UI design.

**Mobile Application Developer** 11/2021 – 05/2022
*Bete-Semay Creative Media* Addis Ababa, Ethiopia
- Mobile App Developer at Bete-Semay, developing and maintaining the MOOGTER app.
- Used Clean Architecture, TDD, and Bloc for stability and scalability.
- Wrote unit tests and refactored code for performance improvements.

## SKILLS

**Frameworks and Tools**
Spring Boot | Flutter | Vue.js | Firebase | Docker

**Databases**
PostgreSQL | MySQL | MongoDB

**Programming Languages**
Java | Python | Dart | JavaScript | TypeScript | C++

**Languages**
English(Proficient) | Italian | Amharic | Tigrigna

## PROJECTS

**Smart Mock Interview**
*Full-Stack AI Interview Simulator (Spring Boot + Nuxt)*
Full-stack web application that simulates technical interviews using AI, featuring real-time question generation, session tracking, and secure JWT authentication with access and refresh tokens.

**Retrieval-Augmented Generation System for Local Knowledge Bases**
*Design and implementation of a scalable RAG pipeline using vector search and SLM integration*
Developed a local RAG system that enables efficient semantic search and context-aware responses by combining embeddings, vector databases, and SLMs.

**Volunteer Linker**
*Connecting Volunteers with Charitable Organizations*
Built a Mobile app that links volunteers with charities, enabling event discovery, registration, tracking, and community engagement.