



# Yakob Beshahwered

## Software Engineer

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🏠 Ethiopia, Addis Ababa  
🔗 https://yakobb.com

I am a **software engineer, entrepreneur and tech enthusiast** passionate about tackling challenging and innovative projects within a dynamic team. My expertise spans software architecture design and development, API development, desktop applications and building startups.

## Work Experience

**Volunteer Student Coordinator & Tutor** Haramaya University, Harar Campus  
Duration: [October 2022] – Present

- Provided tutoring sessions, empowering **20+ students**, many of whom succeeded in the exit exam.
- Opened a **Telegram group** called "**Code Chat**" to foster peer-to-peer learning and discussions on software engineering topics.
- Gained valuable experience in **event coordination, mentorship, and community engagement**.

**Co-Founder & Lead Developer** Erasen Lewaq (Self-Initiated Project)  
Duration: [July 2024] – Present

- **Designed** the entire **system architecture**, handling **full** backend development and contributing to **one-third** of the frontend.
- **Integrated** Chapa as a secure payment gateway, allowing students to purchase high-quality exam materials at an affordable price.
- Established a teacher onboarding process, where educators submit their CVs for review by the platform's staff before being approved to sell their content.
- Led **staff organization** and **operational management**, ensuring seamless coordination between teachers, students, and the platform.

**Mobile Application Developer** Harari People Regional State Red Cross - Harar, Ethiopia  
Duration: [June 2023] – [August 2023]

- Collaborated with a team to **design** and **develop** an informational mobile application for the public.
- Contributed to the design and implementation of features such as **interactive maps** and **automated messaging**.

**Freelance Web Developer** Self-Employed  
Duration: [January 2022] – [January 2023]

- Designed and developed multiple **business websites** for vendors, enhancing their online presence and customer engagement.
- **Recommended** and consulted with clients in how they can **enhance** their digital **presence**.

**Software Engineering Intern** Harari People Regional State Innovation and Technology Agency Harar, Ethiopia  
Duration: [February 2024] – [June 2024]

- **Collaborated** with the development team to oversee and contribute to various software projects (Private and Regional government institutions).
- **Gathered** and **analyzed** requirements to **design, develop, and maintain** internal and external systems.
- Worked closely with **stakeholders**, including **regional government institutions**, to align projects with their operational needs.

**Full-stack Developer** Nile Technology Solution Addis Ababa, Ethiopia  
Duration: [October 2024] – Present

- **Oversee** and **lead** the project development team to ensure timely delivery of software solutions.
- **Design, develop, and maintain** various **internal** and **external** projects.
- **Recommended** and **consulted** with clients including regional government institutions and private companies.
- **Developed business proposals** and **pitched** ideas to investors and company CEOs.

## Social networks

🐦 @yakobesha  
in @yakobesha  
🐙 @Yakob72119  
📷 @yakobesha

## Skills

<b>Programming Language</b>	JavaScript, Java, C#, Typescript
<b>Frameworks</b>	ExpressJS, RestApi, NextJS, Tailwind CSS, Node JS
<b>Database (SQL &amp; NoSQL)</b>	MySQL, PostgreSQL, SQL Server, MongoDB, Firebase

## Education

**Bachelor Degree from Collage of Computing and Informatics**  
**Department of Software Engineering** Haramaya University Harar, Ethiopia **CGPA: 3.78 Exit: 70**  
From September 2020 to July 2024

# Recommendation Letters

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Nile Technology  
Solution PLC

Date : April,20,2025

Nile Technology Solution  
Addis Ababa ,  
Bole

To Whom It May Concern

It is with great pleasure that I write this letter of recommendation for **Yakob Beshahwered**, who has served as a **Full Stack Developer** at Nile Technology Solution for over six months. During his time with us, Yakob consistently demonstrated exceptional technical ability, leadership, and a dedication to excellence that set him apart.

Yakob contributed significantly to several of our major projects, showcasing not only his strong technical skills but also his ability to craft elegant and scalable systems. His capacity to actively listen, communicate effectively, and work collaboratively made him a key member of our development teams. Moreover, Yakob frequently took the initiative to lead projects, manage teams, and design system architectures — all while maintaining a high level of professionalism and creativity.

His passion for technology, combined with his craftsmanship and leadership qualities, positions him exceptionally well for a Master's program. I am confident that Yakob's drive, adaptability, and technical expertise will make him a valuable asset to any academic institution or future professional endeavor he chooses to pursue.

Please feel free to contact me if you require any further information regarding Yakob's qualifications or character.

I wholeheartedly recommend him without reservation.

Sincerely,  
**Anwar Muhammed**  
CEO  
Nile Technology Solution  
+251915137219  
Alanwarmam@gmail.com

*Anwar Muhammed*  
General Manager  
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HARAMAYA UNIVERSITY

COLLEGE OF COMPUTING AND INFORMATICS

DEPARTMENT OF SOFTWARE ENGINEERING

Date: September 03, 2024 G.C

### TO WHOM IT MAY CONCERN

It is my pleasure to write this recommendation for **Yakob Beshahwered Shiferaw**. As a senior lecturer in Department of Software Engineering at Haramaya University, I have known him as undergraduate student for about five years. I taught him four courses (*Fundamentals of Database System, Advanced Database Systems, Event-Driven Programming with C#, and Selected Topics in Software Engineering*) and earned greater grades in those classes. I found him to be an excellent student in his academic achievements and a genuine hardworking student. Based on his grades, attendance and class participation, I would rate **Yakob's** academic performance in my class as greater.

He is the one who impressed me well with his intellectual abilities and a proactive focused nature. In any contact with him, I understood that he is very good in discharging any assignments and he is very good at presenting and convincing what he has done. He is one of the most exceptional students I have encountered in my 10 years of teaching. During our practical sessions, it became clear to me that he is highly motivated and possesses exceptional programming skills.

In addition, the senior project of his team was one of the leading and well-achieved projects. With his comprehensive academic background, sociable personality, excellent communication skills, and a strong will to succeed, I am sure he would prove to be an asset to your organization.

Please do not hesitate to contact me if you need more information or would like to discuss any of his other achievements. You can reach me at +251920615882, or by email at [gizachew.belayneh@haramaya.edu.et](mailto:gizachew.belayneh@haramaya.edu.et) | [legizachew@gmail.com](mailto:legizachew@gmail.com)

Sincerely,

Gizachew Belayneh

03/09/2024 G.C

Senior Lecturer and CEP Coordinator, Department of Software Engineering

Haramaya University

HARAMAYA, ETHIOPIA







Date: February 10, 2025

## LETTER OF RECOMMENDATION

It gives me a great pleasure to write a testimony of **Mr. Yakob Beshahwered Shiferaw** whom I know for about 5 years here in Haramaya University.

I taught him four Software Engineering courses (**Principles of Compiler Design, Fundamentals of Artificial Intelligence, Fundamentals of Machine Learning and Computer Graphics**). All these courses give me opportunity to observe him closely and he gotten **A Grade** point in all. I know **him** being hardworking, intelligent and cooperative. He attends class regularly, always completes his assignments on time, and spends most of his time for his study. He is a kind of student who always strives to get new knowledge each day. His knowledge of software and related concepts convinced me to recommend him for positions and responsibilities your organization is demanding. All this puts him as one of the very good students in his class.

As a person he is so sociable, kind and cooperative. His ability to delegate work to his assistant/juniors also reflects his Communicational, organizational skills and strong leadership abilities. In general **Mr. Yakob Beshahwered Shiferaw** has made me proud as his professor in his stay in Haramaya University and I am sure that he will continue to do so if accepted as student at your universities graduate program. Hence, I strongly testify that he will be an invaluable asset to any university or organization that offers him opportunity.

In need of any information regarding **Mr. Yakob Beshahwered Shiferaw** qualification, please feel free to contact me at: **+251938565124** or [ditaabdujebar5124@gmail.com](mailto:ditaabdujebar5124@gmail.com) or

[dita.abdujebar@research.astu.edu.et](mailto:dita.abdujebar@research.astu.edu.et)

With best regards!

Mr. Dita Abdujebar Abraham (MSc)

Department of Software Engineering

College of Computing and Informatics, Haramaya University





Date: August 15, 2024

## To Whom It May Concern

I have had the pleasure of knowing **Yakob Beshahwered Shiferaw** for the last Five years as a student. He has been a tremendous student and he was an asset to our department CEP program. As **Yakob's** Lecturer, I would like to take this opportunity to recommend him for any Job that is related to his profession.

**Yakob** is a dedicated student while working on different course completion projects and senior projects and he has proven to be a take-charge person who can successfully develop software and implement them. I feel confident that he will continue to succeed in any specialization related to the field of software engineering.

**Yakob** is an extremely personable young man who seems equally comfortable with his peers. He is cooperative with his classmates and always demonstrates practically his willingness to accept assignments given to him and to shoulder responsibilities. While he has no trouble working in groups, or interacting with others, he can also work well on his own. **Yakob's** commitment to the field and his hard work in pursuing his goals will serve him well in any institution. In general, honesty, obedience, and working kindly with his colleagues are his assets.

**Yakob** is exceptionally nice, considerate, and sensitive. He is not only good-humored and friendly but, He is very sociable and cooperative with his friends and classmates and has the potential to quickly become familiarized with new social and working environments.

It is for these reasons that I offer high recommendations for **Yakob** without reservation that he is capable of handling any situation with thoughtfulness and maturity.

Sincerely,

Gemmachis Teshite (Ass. Professor)

gemmachisteshite@gmail.com

Head Department of Software Engineering

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