# **Cyber Talent Ethiopia 2025 Registration Form**

This form helps us understand your background, skills, and aspirations. Please answer the following questions thoughtfully, providing specific examples where possible. Each response should be 150–300 words unless otherwise stated. Submit your responses in a single document to [This Link](https://talent.insa.gov.et/register)

Warning *AI-generated content is strictly prohibited and will result in disqualification*

## **Past Projects**

Describe 1–2 significant projects you have worked on, related to cybersecurity, software development, embedded systems, aerospace, or other technical fields. Highlight your role, technologies used, challenges faced, and outcomes achieved. (Example: A cybersecurity project securing a web application or an embedded system for IoT.)

One of the most significant projects I worked on is **Office Connect**, a web-based internal communication and file-sharing system designed for office environments. I led the development of both frontend and backend components, using HTML, CSS, JavaScript, PHP, and MySQL. The platform allowed employees to securely share documents and exchange real-time messages while enabling workflow monitoring through features like file history, status updates, and notifications. A key challenge was ensuring reliable document tracking and secure data handling, which I addressed by implementing timestamp logging and access control. The project successfully improved collaboration and efficiency within the office.

## **Hackathons and Competitions**

List any hackathons, coding competitions, or technical challenges you have participated in. Include the event name, date, your contributions, and any achievements (e.g., awards, rankings). If you haven’t participated, describe how you’ve engaged with technical communities or self-driven challenges.

Last year, I actively participated in the A2SV (Africa to Silicon Valley) community education program, where I strengthened my problem-solving and algorithmic thinking through consistent practice and peer collaboration. I also took part in their hackathon by submitting a project idea with my team. Although our idea wasn’t selected for further development, the experience taught me valuable lessons in team collaboration, idea pitching, and the importance of innovation and clarity in technical proposals. It also motivated me to keep improving and stay engaged in such opportunities.

## **Current Courses or Training**

Detail any courses, certifications, or training programs you are currently enrolled in or recently completed. Specify the subject area (e.g., penetration testing, cloud computing) and platform (e.g., Coursera, TryHackMe…). Explain how these align with your career goals.

I am currently taking advanced computer science and database courses at university, alongside online training to strengthen my practical skills. I've learned backend development through GDSC (Google Developer Student Clubs), responsive web design on freeCodeCamp, and various software development topics on Udemy. These platforms have helped me build real-world projects and deepen my understanding of system design, programming, and user experience—skills that directly support my goal of becoming a versatile and impact-driven software developer.

## **Certificates and Past Accomplishments**

Share any certificates, awards, or notable accomplishments relevant to your technical skills. Include the issuing organization, date, and context (e.g., Certified Ethical Hacker, 2024). If you lack formal certificates, highlight informal achievements like self-taught skills or mentorship roles.

I have earned several certificates that reflect my commitment to building strong technical skills. These include a **Frontend Developer** certificate from Udemy (2024), a **Responsive Web Design** certification from freeCodeCamp (2023), and participation in a **Backend Development** track with GDSC (Google Developer Student Clubs) in 2024. I also completed a **Web Frameworks** course on Udemy, where I learned how to build scalable applications. While some of my learning has been informal, I’ve consistently applied these skills to real projects, which has deepened my practical understanding and problem-solving abilities.

## **Proposed Summer Camp Projects**

If selected for the Cyber Talent Ethiopia 2025 Summer Camp, what project(s) would you like to pursue? Describe 1–2 ideas, specifying the domain (e.g., malware analysis, avionics), objectives, and potential impact. Explain how these projects align with your skills and the camp’s goals.

If selected for the Cyber Talent Ethiopia 2025 Summer Camp, I would like to pursue a project in the domain of **secure file sharing and internal communication systems** for organizations. The objective would be to design and develop a lightweight, web-based platform that enables encrypted document transfer, access control, and real-time messaging among staff. This project builds on my previous work in internal office systems and aligns with the camp’s goals by addressing cybersecurity challenges in local digital infrastructure.

Another idea is a **browser-based phishing simulation and training tool** aimed at raising awareness in educational institutions and small organizations. The goal would be to simulate common phishing attacks in a controlled environment and help users learn to recognize and avoid threats. Both projects are designed to have real-world impact and align with my skills in web development, user interface design, and security-focused thinking.

## **University Exit Project (Optional)**

If applicable, describe your university exit project or thesis related to cybersecurity, software development, embedded systems, aerospace, or a relevant technical field. Include the project title, objectives, technologies used, and key outcomes. If you did not complete a university exit project, you may skip this question.