

Summary

Security-focused Software Engineering student at AAiT with 5+ years of experience delivering secure, scalable applications for government and enterprise clients.

Experience

Information Network Security Agency (INSA) — Software Developer (2020–Present)

- Develop and maintain secure software systems. Perform security testing, vulnerability analysis, and threat mitigation. Contribute to AI and software solutions supporting national security initiatives.

Ministry of Labor and Skills — Full-Stack Developer (2024)

- Design and implement web platforms to support national employment initiatives.
- Integrate security measures across digital systems and law enforcement platforms.

ILO, Ethiopian Roads Authority and Others — Developer (2024)

- Develop internal systems for efficient management and monitoring.
- Ensure software security and reliability. Build and maintain data management and reporting systems with secure architecture.

Education

Addis Ababa University (2023 – PRESENT) Pursuing a Bachelor of Science (BSc) in Software Engineering.

Technical Experience

**Frontend & Backend:** Flutter, Flutter Web, React, Next.js, HTML/CSS/JS, UI/UX, Node.js, Express.js, Firebase, Google Cloud, OpenStack, Docker, Kubernetes  
**AI & Data Science:** Machine Learning, RAG, Python, TensorFlow, Data Analysis  
**Networking & Security:** Linux Administration, Bash Scripting, Network Protocols, System Security, Cybersecurity Fundamentals, Asterisk PBX  
**Development Tools & Methodologies:** Git & GitHub, REST APIs, GraphQL, CI/CD, Agile Methodologies, SEO Optimization

Awards

**NATIONAL TECH INNOVATIVE AND INNOVATION LABS 2018 – 2020** Received early career recognition for significant contributions in advanced security, system architecture, and network optimization.

**National Tech Initiative 2018** Selected for a national program based on exceptional programming skills and impactful early contributions to innovative tech projects.