NATNAEL SINTAYEHU
COMPUTER SCIENCE

CONTACT

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📍 Addis Ababa ,Ethiopia

SKILLS

- Project Management
- Public Relations
- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking
- Digital Marketing

LANGUAGES

- English (verygood)
- amharic (fluent)

SOCIAL MEDIAS

telegram
https://t.me/ethelurtechpartner

instagram
https://www.instagram.com/ethel.tech?igsh=Zm1weHd3NDduZHJq

Github
https://github.com/natiman8

linkedin
linkedin.com/in/natnael-sintayehu-84b669254

PROFILE

Natnael SintayehuComputer Science Graduate | Full Stack & Mobile App Developer | IoT & Automation Enthusiast
I am a Computer Science graduate with a strong passion for building modern, intuitive, and impactful digital solutions. As a Full Stack and Mobile App Developer, I specialize in creating seamless user experiences through mobile applications, web technologies, and embedded electronic systems.

TECHNICAL SKILLS

Languages & Frameworks:
- HTML, CSS, JavaScript
- Flutter, Next.js, Node.js

Databases:
- Supabase
- Firebase Firestore
- MongoDB

Authentication:
- Firebase Auth
- Supabase Auth
- Auth0

Other Tools & Platforms:
- Adobe Illustrator (Vector Art & UI Assets)
- Spline (3D UI Elements)
- Git, GitHub, Figma, VSCode

EDUCATION

Bachelor's degree, Computer Science   2021 - 2025
| University of dilla
GPA: 2.56
exit exam : 72/100

INTERNSHIP

During my internship at the Space Science and Geospatial Institute (SSGI), I identified key challenges in communication and student engagement. To solve this, I developed a full–stack online community platform for space science enthusiasts across Ethiopia — available as both a web and mobile app. The platform featured courses, exams, chatrooms, NASA APOD integration, AI chatbot, research sharing, and a 3D interactive UI using Spline. I also built an admin system for managing content and user interactions. This project demonstrated my ability to solve real–world problems using Flutter, Firebase, APIs, and UI/UX design.

PROJECTS AND EXPERIENCES

🚀 **Intern | Space Science and Geospatial Institute (SSGI)**
Role: Software Developer & Systems Innovator

- Built a national online community platform for space science enthusiasts.
- Platform features:
  - Courses, exams, and research access
  - Discussion chatroom (group chat)
  - NASA APOD integration (NASA API)
  - AI Chatbot
  - Research upload (PDFs, YouTube, social media links) with rating/comment system
  - Admin panel for content management
  - 3D interactive UI (using Spline)
- Developed mobile version using Flutter

Mobile Applications Developed

1. AI Chatbot App (3rd Year Project)
   - Built with Flutter
   - Integrated Google Gemini API
   - Supports both text and image input
   - Real-time response generation
2. University Module App
   - Contains categorized freshman modules
   - Organized for easy access and learning
3. Short Notes & Memo App
   - Quick memo, categorized notes, and to-do list
   - Offline first with local storage
4. AI Study Assistant Apps (x2)
   - Features:
     - AI-powered note generator
     - Flashcard generator from notes
     - Summarizer & Simplifier
     - Study Timer with notifications
     - Chatbot integration
5. PhotoMath AI App
   - Solves math questions from images using AI
   - Clean and responsive UI
6. Tutor App (Ongoing Project)
   - For Grade 1–8 students
   - Features homework help, tutor-student matching, scheduling

Web Development Projects
Created professional websites for:

- Shoe Shop
- Car Dealership
- Construction Finishing Company
- Photo Studio
- Restaurant

Designs and video samples are available under the name Ethel Technologies social media pages.
Electronics & Embedded Systems

- Designed and implemented a control system for a dancing fountain on the **corridor Lemat**
- Skilled in Microcontroller programming, IoT, and hardware integration