

# Natnael Fesseha

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## ABOUT ME

I am a highly motivated and ambitious student with a strong passion for computer programming and technology. As a self-taught programmer, I have honed my skills in software development, leading programming tutorials, building applications, and collaborating on innovative projects. I am eager to further my education in **Information Engineering**, and make meaningful contributions with a proactive mindset and a strong ability to learn new technologies quickly.

## SKILLS

### Technologies

JavaScript | Java (computer programming) | Elixir/Phoenix | style sheet languages | operate 3D computer graphics software | Blender | Solidworks | MySQL | Node.js, React.js

### Technical Skills

design and implement databases | use software libraries | implement front-end website design | analyse software specifications | debug software | render 3D design and models

### Soft Skills

self-teach programming languages | collaborate and assign tasks to team | adapt teaching to student's capabilities

## WORK EXPERIENCE

07/08/2023 – 24/01/2024 Addis Ababa, Ethiopia

### CLASSROOM TUTOR ADDIS ABABA INSTITUTE OF TECHNOLOGY

- Organized and led **computer programming classes**.
- Taught **Python programming** & algorithms to **40+ students**
- **Personalized** learning paths for diverse skill levels, increasing student pass rates to 80%.
- Developed **100+ tutorials and resources**, simplifying complex technical concepts.
- Led **interactive Q&A sessions and discussions**, boosting student engagement and peer learning.

**Website** <https://www.aau.edu.et/>

11/12/2024 – CURRENT Addis Ababa, Ethiopia

### WEB DEVELOPER ELNABI HOLISTIC MINISTRY

- **Designed, developed, and published** the website.
- **Collaborated with administration** to understand requirements.
- **Managed** timely and accurate news and posts update

**Business or Sector** Human health and social work activities | **Website** <https://elnabiholisticministry.org/>

15/01/2023 – 05/09/2023 Washington, D.C., United States

### INTERNSHIP (REMOTE) ETHIODOMAIN WEB SERVICES

- testing new features
- reporting bugs
- participate in remote meetings

## ● PROJECTS

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### Note Taking Website Application

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- Full-Stack note taking web application
- User Authentication, Edit, Delete and Search Notes

Link <https://github.com/Natnael1alem/Notes-WebApp>

### Car-Dealership-Service-Management-System

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- Desktop app for buying cars, maintenance, services and Inventory management utility
- Tools: Java, JavaFX(Front-End), MySQL(Database)

Link <https://github.com/Natnael1alem/Car-Dealership-Service-Management-System>

### Expense Tracker Mobile App

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- Locally tracking and visualization to manage your daily spending
- **Collaborated** with an 15-member Team
- **Assigning** roles strategically

Link [https://github.com/Natnael1alem/expense\\_tracker\\_app](https://github.com/Natnael1alem/expense_tracker_app)

## ● REFERENCES

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### Kibrom Hadush | Employer, EthioDomain Web Services

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**Email** kibrom@ethiodomain.com | **Phone** +1 5108992006

### Lemlem Hagos | Instructor, Addis Ababa University

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**Email** lemlem.hagos@aau.edu.et | **Phone** +251 911561773

### Samuel Estifanos | Board, Elnabi Holistic Ministry

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## ● HOBBIES AND INTERESTS

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### Learning different technologies

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- Take online courses, particularly, programming languages and new technologies
- Read about AI and the future of AI
- Install customized operating system in both computer and android phones

### Explore Robotics

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- Read and watch robotics content
- Experiment with Arduino boards in Proteus

### Learn German Language

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- Read A1 German Books
- Learn German in Duolingo.

### CMMTC School Boys Football Team

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- Played in inner-city competitions
- Organized training sessions as the captain of the team