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 | unity C# | Python

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 and reporting bugs
- participate in remote meetings

PROJECTS

Note Taking Website Application

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

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

Expense Tracker Mobile App

- Locally tracking and visualization to manage your daily spending
- **Collaborated** with peers

Link https://github.com/Natnael1alem/expense_tracker_app

Car-Dealership-Service-Management-System

- 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

Amharic Language Information Retrieval

- **Developed** a python search engine from web and documents in Amharic

Link https://github.com/Natnael1alem/Amharic-Language-Information-Retrieval

War of Tanks

- Android video game made with Unity 3D, in collaboration 11-member team

Links https://youtu.be/v8vkIbbKNUc | https://github.com/Natnael1alem/War-of-Tanks

REFERENCES

Kibrom Hadush | Employer, EthioDomain Web Services

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Lemlem Hagos | Instructor, Addis Ababa University

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Samuel Estifanos | Founder and Board Chairman, Elnabi Holistic Ministry | Assistant Professor of Geoscience

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HOBBIES AND INTERESTS

Learning different technologies

- 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

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

Learn German Language

- Read A1 German Books
- Learn German in Duolingo.

CMMTC School Boys Football Team

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