NANCY TESFAYE

FULL-STACK DEVELOPER
MACHINE LEARNING ENTHUSIAST

CONTACT

+251979055149

nancy23tes@gmail.com

Addis Ababa, Ethiopia

https://github.com/nancytes

https://www.linkedin.com/in/nancy-tesfaye-a50104285

EDUCATION

BACHELOR OF SCIENCE IN SOFTWARE ENGINEERING
UNIVERSITY OF ARBA MINCH, ETHIOPIA
2022 – PRESENT

SKILLS

- Frontend: React, HTML, CSS, JavaScript
- Backend: Node.js, Express.js
- Databases: MongoDB, SQL
- Version Control: Git, GitHub
- Machine Learning: Python, Pandas, NumPy

INTERESTS

- Machine Learning and AI
- Web Development
- Software Engineering

PROFILE

Dedicated Software Engineering student with expertise in fullstack web development and machine learning. Proficient in the MERN (MongoDB, Express, React, Node.js) stack and experienced in developing efficient and scalable solutions. Passionate about applying machine learning techniques to solve complex problems. Eager to learn and take on new challenges to enhance skills and contribute to innovative projects.

PROJECTS

Arba Minch University Clinic Management System:

- Developed a comprehensive clinic management system for Arba Minch University using various programming languages.
- Played a key role in both frontend and backend development, ensuring seamless integration and functionality.

Database Consulting Company Project

- Created and maintained database solutions for a consulting company using Node.js.
- Optimized database queries and ensured data integrity and security.

Spam or Ham Detection of Emails

- Developed a machine learning model to classify emails as spam or ham.
- Technologies used: Jupyter-lab.
- Achieved high accuracy through extensive feature engineering and model tuning.

Forum-like Stack Overflow Clone:

- Designed and developed a forum-like application using React, Node.js, Express, and SQL.
- Implemented features such as user authentication, posting and commenting, and searching/filtering.

Diabetes Detection

- Created a predictive model to determine the presence of diabetes based on medical data.
- Technologies used: Python. Improved diagnostic accuracy by 15% through data preprocessing and hyperparameter optimization.

House Price Prediction

- Developed a predictive model to estimate house prices using various features such as location, size, and amenities.
- Technologies used: Python, Jupyter Lab.
- Enhanced prediction accuracy by 20% through data preprocessing and hyperparameter tuning.