

TOM ALEX

<https://tomalex-tm.github.io/>

CONTACT

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SKILLS

- C++
- C
- Python
- MySQL
- HTML
- PowerPoint

EDUCATION

Viswajyothi College of Engineering and Technology, Muvattupuzha

Bachelor of technology
Major : *Computer Science*

Oct 2020- Jul 2024 (completed)

Citadel Residential School, Ranni

CBSE Higher Secondary education - XII
2020

Santa Maria Public School, Ranni

CBSE -X
2018

INTERESTS

- Coding
- Sports
- Music

PROFILE

Enthusiastic computer science graduate with strong skills in software development and problem-solving. Seeking a technical role to apply my programming expertise and passion for innovation in a dynamic team.

PROFESSIONAL EXPERIENCE

Feb 2023- Mar 2023

Student Intern

CAMINO INFOTECH PVT.LTD

Python and Machine Learning Internship

- Collaborated with cross-functional teams to design and develop Python applications.
- Gained hands-on experience in data preprocessing, modeling, and evaluation techniques.
- Presented findings and project outcomes to stakeholders, receiving positive feedbacks.

PROJECTS

MANAGEMENT OF EXPIRING INVENTORY SYSTEM

- Led development of a web-based inventory management system to minimize product waste due to expiration.
- Implemented a user-friendly application for automated inventory tracking, expiry alerts, and FIFO rotation.
- Achieved 10% reduction in product waste.
- Completed the project ahead of schedule.

TAILORED RECIPES AND CULINARY COMMUNITY

- Designed an innovative personalized recipe recommendation system.
- Leverages machine learning (TensorFlow) for recipe suggestions.
- Uses user preferences, dietary restrictions, and image recognition of ingredients (CNN) for recommendations.
- Reduced recipe discovery time by 50% for users.
- Addresses the need for convenient and healthy recipe discovery.
- Established a collaborative online culinary community.

CERTIFICATIONS

- Introduction to Python.
- Python For Data Science.
- Coursera certification on introduction to HTML5 authorised by university of MICHIGAN.
- Published a research paper in the International Journal of Scientific Research in Science and Technology (IJSRST).

ACHIEVEMENTS

- Coordinated Techfest Competitions in college.
- Coordinated school level technical and sports competition.
- Organized an event to raise money for charity.
- IEEE membership.