

# Mukesh T

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 Kangeyam, India

 MUKESH T

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 PORTFOLIO

## PROFILE

I am driven by the process of deconstructing complex problems and building robust, scalable solutions. My academic coursework has provided me with a strong foundation in algorithmic design and data structures, which I have applied in developing end-to-end software solutions. I am eager to bring my problem-solving mindset and collaborative spirit to a challenging internship role.

## EDUCATION

**M.Sc. Software Systems**, Coimbatore Institute of Technology  
CGPA: 7.1/10

Jul 2023 – May 2028  
Coimbatore, India

**HSC**, Bharathi Vidya Bhavan

Average: 88%

Jun 2021 – Apr 2023  
Erode, India

**SSLC**, Vivekanandha Academy

Average: 84%

2019 – 2020  
Kadaiyur, India

## SKILLS

**Languages:** Python, C, C++, JavaScript

**Tools:** GitHub, Linux ,Git (Version control), VS code

**Databases:** MySQL & MongoDB

**Web frameworks:** ReactJS, Django, Fast API, NodeJS, Angular

## AREAS OF INTERESTS

Web development | Database Management System

## PROJECTS

**Process and product optimization tool**, Python (ML), Django 

- Utilizes machine learning to predict final product quality using real-time process parameters such as temperature, pressure, and speed.
- Enhances manufacturing efficiency by proactively minimizing defects and significantly reducing material waste.

Nov 2024 – Sep 2025

**E-commerce website**, HTML, CSS, JavaScript, Node.js, MySQL 

- Developed a dedicated e-commerce platform for an oil manufacturing firm to facilitate digital product showcasing and direct-to-consumer edible oil sales.
- Implemented a backend data handling system that automatically captures and exports customer shipping details.

**Immediate Update banking**, C++ 

Feb 2025 – Apr 2025

- This project is a robust command-line application built entirely in C++ .
- It simulates the transaction between accounts in various banks and provides the resppected result for each situation such as server error, debited but not credited to the respected account, etc.,

**Personal portfolio**, React, vite, bootstrap 

Jul 2025 – Sep 2025

A personal portfolio website to make me know to the recruiters. It was done using react and vite with some attractive css.

**Online MCQ application**, HTML, CSS, JavaScript 

Apr 2024 – Jul 2024

Interactive quiz app with timer, multiple-choice questions, score tracking and real-time feedback.

**GameHub(Contributor)**, Java 

Mar 2025 – May 2025

- Developed a modular desktop application using Java Swing to centralize multiple mini-games into a single, interactive user interface.
- Created a seamless navigation system that allows users to switch between games effortlessly, serving as a cohesive all-in-one gaming platform

## ACHIEVEMENTS

**Winners in "Smart India Hackathon (Internal)- 2025**, Coimbatore Institute of Technology

Sep 2025

A Machine Learning project to protect the water species by identifying their DNA.

**Runner up in "Red light green code"**, Coimbatore Institute of Technology

Mar 2025

Coding contest conducted by the department of computing.

**District Chess Championship - Winner**, TamilNadu State Chess Association

2019

Have been selected for the state level chess championship.