

Mukesh T

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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	Jul 2023 – May 2028
CGPA: 7.1/10	Coimbatore, India
HSC , Bharathi Vidya Bhavan	Jun 2021 – Apr 2023
Average: 88%	Erode, India
SSLC , Vivekanandha Academy	2019 – 2020
Average: 84%	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.

E-commerce website, HTML, CSS, JavaScript, Node.js, MYSQL

Nov 2024 – Sep 2025

- 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 respected 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.