

Alna Elsa Tom

Computer Science & Engineering Student

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PROFILE

Third-year B.Tech Computer Science student with a strong interest in data science and machine learning.

Passionate about using data to solve real-world problems and continuously learning new technologies.

EDUCATION

B.Tech (Hons) Computer Science and Engineering

Government Engineering College, Thrissur (Graduating in 2026)

Honours: Machine Learning

CGPA: 9.33

SKILLS

- Python
- C Programming
- Java
- MySQL
- React
- MongoDB
- Scikit-Learn

MAIN PROJECTS

Blog App

Tech used: React, Node.js, and MySQL

a web application designed to explore and share content across a variety of fascinating topics, including art, science, technology, cinema, food, and more.

EKO

Tech used: React, Express, Gemini, Firebase

EKO is an innovative platform that connects the general public with repair technicians, enabling the sale of unusable electronic and electrical components at better prices.

Orion

Tech used: Flutter, Gemini, Firebase

Orion is a collaborative platform designed to simplify team communication and project management. It offers features like group chats, automated meeting summaries, task lists, and push notifications—all within an intuitive and easy-to-use interface.

SIDE PROJECTS

Object Tracking

Tech used: Python, OpenCV, NumPY

This project implements object tracking using KCF and CSRT algorithms, aiming to compare their performance across video frames based on accuracy, speed, and reliability.

YouTube Channel Analysis

Tech used: Python, YouTube Data API

This Python project involves scraping and analyzing YouTube data using the YouTube Data API.

STDD

Tech used: : Typescript, NodeJS, MongoDB

A data-centric application developed as part of a mini project for the Government's Tribal Department. The project aimed to assess the standard of living in tribal communities by collecting and analyzing relevant data to provide actionable insights for improving their quality of life.

POSITIONS OF RESPONSIBILITY

Ideator Club

Core committee member- 2023-24

College Magazine Committee

Content Team Member-2023

Astral Space Club

Core committee member- 2024-25

EVENT MANAGEMENT EXPERIENCE

Ideathon coordinator- Ideator Club

Coordinated the planning and execution of an Ideathon event, guiding participants through the idea pitching process.

Mentor – Tink-Her-Hack

Guided participants throughout the hackathon organized by TinkerHub by providing technical support and constructive project feedback.

Hospitality Committee Member – Proxy 2024

Played an active role in managing guest reception and support during this departmental event

ACHIEVEMENTS

- YIP (Young Innovators Program) State Level Winner
- 2nd place - Christ College Irinjalakuda hackathon alongside the team
- 2nd place - College of Engineering Vadakara hackathon alongside the team
- 3rd place - GCE Kannur hackathon alongside the team
- Completed an internship with Thrissur Corporation on a project aimed at enhancing digital literacy in the community.