

# DARSHAN B

## FINAL YEAR COMPUTER SCIENCE STUDENT

An aspiring college student pursuing Final Year B.E. Computer Science and Engineering at MIT, Anna University. An optimistic and creative thinker with good leadership quality. I will give my full contribution to the work that is assigned to me. A Learner with lots of curiosity and with an urge to learn new things. I'll update my knowledge with the new technologies that are in-demand.

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## EDUCATION

### B.E. COMPUTER SCIENCE AND ENGINEERING - FINAL YEAR

Madras Institute of Technology - Anna University

10/2021 - 06/2025

CHENNAI

### HIGHER SECONDARY

Bharani Park Matric Hr Sec School

06/2019 - 05/2021

KARUR

## PERSONAL PROJECTS

Kubernetes Enrichment in Network Flow  
(05/2024 - 07/2024)

- Created an API for enriching k8s pod details in the network flow events with gRPC and kubernetes client-go.

Diagnosis of PE from CT Scans - Hyperparameter Optimization (01/2024 - 05/2024)

- Develop a high accurate and robust model for diagnosis of Pulmonary Embolism using Deep Learning models with Hyperparameter optimization.

Blockchain for Secure Network Log Storage  
(09/2023 - 11/2023)

- Implementing blockchain for secure storage of network logs with Ganache and Solidity(Smart Contract) with compression and encryption strategies..

Unified Package Manager for Multi - Linux Architectures using BASH and Python (04/2023 - 06/2023)

- Developed a package manager that is compatible for various linux distributions such as Debian, Fedora & Arch Linux with an user friendly GUI using Python.

## WORK EXPERIENCE

### Software Engineer Intern LinkedIn

05/2024 - 07/2024

Bangalore

Tasks

- Worked with Golang, gRPC, Kubernetes and internal tools.
- Created an API to enrich the kubernetes data in the network flow events data.

Contact : Varoun Parthiban (Sr. Manager) - vp2@linkedin.com

### Full Stack Developer Intern Bharat Intern

02/2024 - 03/2024

Virtual

Tasks

- Worked with technologies like MongoDB, NodeJS, ReactJS, ExpressJS to build a full stack application for Expense Tracking

## SKILLS

Analytical Skills

Leadership

Logical Thinking

Problem Solving

C

C++

Java

Python

Golang

MongoDB

MySQL

ReactJS

NodeJS

Flutter

Kubernetes

Docker

## ACHIEVEMENTS

Solved 250+ Problems in Leetcode.

Winner at 'Reverse Coding' (2023, 2024) - A Inter College Coding Challenge

## ORGANIZATIONS

CSMIT

Content Creator

NSS

Volunteer

ACT

Student Member

## CERTIFICATES

Introduction to Front-end and Backend Development

Meta - Coursera

Machine Learning Specialization

Deeplearning.AI, Stanford University - Coursera

Problem Solving (Basic)

HackerRank

SQL (Basic)

HackerRank

Java (Basic)

HackerRank

## LANGUAGES

English

Full Professional Proficiency

Tamil

Native or Bilingual Proficiency

Hindi

Elementary Proficiency

## INTERESTS

Coding

Cybersecurity

Learning

Music