

Thulasi K

Computer Science Engineer

Software Engineer with B.Tech in Computer Science and Engineering from St. Thomas College of Engineering & Technology in Kannur, Kerala. Skilled in a variety of programming languages and frameworks, including Django and Python. Known for leadership abilities and teamwork. Capable of transforming ideas into polished outcomes and deeply committed to staying current on emerging industry developments. Proven track record of success in dynamic environments and fostering productive collaboration among diverse teams.

EDUCATION

Bachelor of Technology

Computer Science Engineering

With Minor course in Electronics and Communication engineering

St. Thomas College of Engineering and Technology, Kannur

2019 - 2023

Higher secondary

Biology science

IKKGHSS, Pandakkal, Mahe

SSLC

KGGHSS Palloor, Mahe

HIGHLIGHTED PROJECTS

Eye Disease Detection And Medical Assistance Using Deep Learning Approach (B-Tech project)

Five eye diseases, namely crossed eyes, bulging eyes, cataracts, uveitis and conjunctivitis are analyzed and categorized using the proposed method. The suggested deep neural network model aids in the early detection of the existence of eye disorders. The model prompts patients to seek out and book top-rated local ophthalmologists, on demand.

- Technologies used: Deep learning, MySQL, Flask framework of python, Sequential model of CNN algorithm, Frontend technologies are HTML, CSS and Bootstrap Frameworks

A Virtual Analytics Approach to Facilitate the Proctoring of Online Exam

Proposal of a novel visual analytics approach to facilitate the proctoring of online exams. Inspired by prior studies, this approach combines human efforts with machine learning techniques to achieve convenient, efficient and reliable proctoring for online exams.

- Technologies used: TensorFlow.js, Python, Django, CSS, HTML

WORKSHOPS AND CERTIFICATIONS

4 days hands on Workshop on machine learning (Dec 2021)

Department of CSE in association with ACM Kollam chapter

Data analytics bootcamp (Jun 2022)

Skill academy

Spoken tutorial on C (Feb 2021)

St. Thomas College of Engineering and technology, Mattannur, Kannur, IIT Bombai spoken tutorial project.

Webinar on OOP training in java(Aug 2020)

Department of CSE, college of engineering, Pathanaapuram, associated with Novitech

Webinar on Good governance day (Aug 2021)

NSS unit 512, St. Thomas College of Engineering and Technology, Mattannur, Kannur

CONTACT

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AREAS OF EXPERTISE

PYTHON

DJANGO

CSS

C

HTML

MYSQL

ACTIVITIES

NSS Volunteer Secretary

NSS Unit 512, St. Thomas College of Engineering and Technology, Kannur

IEDC Coordinator

St. Thomas College of Engineering and Technology, Kannur

INTERESTS

Artificial intelligence

Computer Networks

Cyber security

Volunteering and community involvement.

Engineering, Technology & Science

SOFT SKILLS

Teamwork

Leadership qualities

Communication skills

Adaptability

Research skills

Time management

Conflict resolution

LANGUAGES

English

Malayalam

Hindi