

THAARAKENTH C P

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CAREER OBJECTIVE

Detail-oriented tech enthusiast with a robust foundation in Python, Machine Learning, and Relational Databases. Eager to leverage my skills in a dynamic environment to deliver technology solutions that drive business growth and operational efficiency.

EDUCATION

Bachelor of Technology – Artificial Intelligence and Data Science Sep 2021-Present

- Anna University
- Rajalakshmi Institute of Technology (Autonomous), Chennai

Grade 12 May 2021

- Central Board of Secondary Education
- Maharishi Vidya Mandir, Irungattukottai

Grade 10 April 2019

- Central Board of Secondary Education
- Loyola International Residential School, Chennai

UNIVERSITY PROJECTS

Personal Portfolio Website

- Designed and developed a responsive personal portfolio website using HTML5 and CSS3.
- Created a clean and modern layout to showcase my skills, projects, and experiences.
- Ensured cross-device compatibility and a seamless user experience with a focus on intuitive navigation and accessibility.
- Integrated a "Contact" form to facilitate communication and networking opportunities.

Intruder Alert System using OpenCV

- Developed an Intruder Alert System using OpenCV, Telegram API, and Haar Cascade classifier for real-time detection and notification.
- Implemented Face and Motion Detection to accurately identify potential intruders.
- Integrated Telegram Notifications for immediate alerts upon detection of unauthorized activity.
- Achieved Real-Time Performance by optimizing detection algorithms for timely notifications.

Classification of Fashion MNIST Articles

- Developed a Classification Model using the Fashion MNIST dataset to detect fashion article classes.
- Trained on 60,000 images and tested on 10,000 images across 10 clothing categories.
- Achieved High Accuracy Rate through model optimization and fine-tuning of hyperparameters.
- Implemented Convolutional Neural Networks (CNNs) to enhance classification performance and accuracy.

CO-CURRICULAR

Intel® Unnati Industrial Training, Intel Technologies May 2022 – Jul 2022

- Developed a Deep Learning Model using Computer Vision on Intel Dev Cloud.
- Published a research paper detailing the outcomes of the project.

Smart India Hackathon 2023 Oct 2023

- Led a multidisciplinary team to develop a comprehensive disaster resource management solution.
- Designed a prototype for efficient resource allocation and distribution during emergencies.
- Recognized as a top 100 team, showcasing leadership, collaboration, and problem-solving skills.

COURSES/CERTIFICATION

Japanese Language Proficiency Test Level N4	The Japan Foundation
Introduction to Backend Development	Meta
Intermediate Python Programming	Hackerrank
Intermediate Problem Solving	Hackerrank
Intermediate SQL Programming	Hackerrank

SKILLS

Programming Languages: Python, MySQL

Technical Skills: RDBMS, AI and Machine Learning, Git, HTML5, CSS3

Soft Skills: Analytical Thinking, Problem-Solving, Communication

ADDITIONAL

Languages: English (Professional), Tamil (Native), Malayalam (Native), Japanese (Intermediate)

Personal Traits: Versatile, Perseverant, Punctual

Hobbies/Interests: Cooking, Paper Crafting, Electric Keyboard