

# THAARAKENTH C P

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## EDUCATION

<b>Bachelor of Technology – Artificial Intelligence and Data Science</b>	Sep 2021-Present
<ul style="list-style-type: none"><li>Anna University</li><li>Rajalakshmi Institute of Technology (Autonomous), Chennai</li></ul>	
<b>Grade 12</b>	May 2021
<ul style="list-style-type: none"><li>Central Board of Secondary Education</li><li>Maharishi Vidya Mandir, Irungattukottai</li></ul>	
<b>Grade 10</b>	April 2019
<ul style="list-style-type: none"><li>Central Board of Secondary Education</li><li>Loyola International Residential School, Chennai</li></ul>	

## 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.

### MindFrame – Django Web Application

- Developed an article-writing forum using Django, allowing users to create, edit, and publish articles.
- Implemented user authentication with registration, login, and profile management, ensuring secure access and role-based permissions for different user actions.
- Utilized PostgreSQL for efficient database management, handling article storage, user data, and interactions, ensuring smooth content delivery and retrieval.
- Integrated front-end technologies (HTML, CSS, JavaScript) to design a responsive and user-friendly interface, enhancing the overall user experience.

## CO-CURRICULAR

<b>Intel® Unnati Industrial Training, Intel Technologies</b>	May 2022 – Jul 2022
<ul style="list-style-type: none"><li>Developed a Deep Learning Model using Computer Vision on Intel Dev Cloud.</li><li>Published a research paper detailing the outcomes of the project.</li></ul>	
<b>Smart India Hackathon 2023</b>	Oct 2023
<ul style="list-style-type: none"><li>Led a multidisciplinary team to develop a comprehensive disaster resource management solution.</li><li>Designed a prototype for efficient resource allocation and distribution during emergencies.</li><li>Recognized as a top 100 team, showcasing leadership, collaboration, and problem-solving skills.</li></ul>	

## 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, Django, 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