

MAHALAKSHMI PURUSHOTHAMAN

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OBJECTIVE

Hardworking and passionate job seeker with strong organizational skills, eager to secure a Software Developer position. Organized and dependable candidate successful at managing multiple priorities with a positive attitude. Willingness to take on added responsibilities to meet team goals

PROJECT

Missing Child Identification System |Link

Jan 2025 – Apr 2025

- Help identify and locate missing child through facial recognition.
- Used deep learning models like Rest Net to identify faces with high accuracy, even under varied condition
- Tech Stack: Java, OpenCV, *Spring Boot*

Online Food Ordering System |Link

Mar2024 – Apr2024

- This project is an online food ordering system where users can browser, select, and order food easily.
- This system enhances the user experience by analyzing previous orders and customer behavior to give personalized food recommendations.
- Tech Stack: HTML, CSS, JavaScript, MySQL.

Blind Aid Stick Recognition Based on IOT |Link

Sep 2024 – Apr 2024

- Designed to support visually impaired individuals, this smart walking stick uses IOT sensors to detect obstacles.
- It includes a GPS module for location tracking and a panic button with voice guidance.
- Tech Stack: Java, Machine Learning, Arduino, IOT sensors.

RESEARCH PAPER

Missing child identification system using deep learning

Apr 2025

This paper proposes a AI-based approach for missing child identification using Deep Learning techniques. Designed to aid law enforcement, NGO's and communities in addressing the widespread issue of child disappearance through technological intervention and collaboration.

EDUCATION

Panimalar Institute of Technology-Chennai

Nov 2021 – Jun 2025

- **Bachelor of Technology** - Information Technology
- **CGPA:** 8.1/10

SKILLS

- Language: JAVA, SQL, HTML
- Tools: MySQL, SQLite, MS Excel

CERTIFICATIONS

- Scientific stay certificate at NOOBTRAN PVT, LTD

E-certificate

- Oracle SQL certificate at EDUCBA
- Data Analytics job simulation at DELOITTE
- Java Full Stack Development at Q SPIDERS