

Madhav Kumar

Android Developer

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Portfolio | GitHub | CodeChef | LinkedIn

Education

Kalasalingam Academy of Research and Education Anand Nagar, Krishnankoil, Tamil Nadu

626126

CSE (AIML) B.Tech

Virudhunagar,Tamil Nadu

Sep -2021 - April-2025

Experience

Skill Vertex | Machine Learning With Python

Remote | July 2022 - Aug 2022

Yhills | Cloud Computing

Remote | Dec/2022 - Jan/2022

Skills

Programming Languages: Kotlin, Python, Java, Php, Matlab, XML, Dart

Libraries/Frameworks: Flutter, Jetpack Compose, Laravel, Node.js, CNN, TensorFlow, Flask

Tools / Platforms: Git, Github, VS Code, Android Studio

Databases: MySQL, SQLite

Projects

EaseRent | Link

Flutter,Dart,MySQL,Firebase

EaseRent: Integrated Web & Mobile Rental Solutions simplifies property management and rentals through a web portal and mobile app. It features 360 virtual tours, video previews, location-based listings, multilingual support, and light/dark mode. The platform ensures secure transactions with a payment gateway, role-based access, and Firebase updates. Additional tools include advertising, a subscription module, and an Articles Bookmark, providing a complete solution for property seekers and managers.

Weather App | Link

Kotlin,xml,java

Built with Kotlin, Java, and XML, the app lets users search locations to view real-time weather updates, including temperature and humidity. It integrates APIs for accurate data and offers a seamless, responsive experience.

Real Time object detection

Kotlin,java,AIML

Developed an app using Kotlin, Java, and AI/ML to detect and track objects in live video feeds. Utilized machine learning models for fast and accurate object recognition.

Emotion Recognition and Expression in Text | Link

Python, Keras, TensorFlow

This project builds a system to recognize and express emotions in text across languages, accounting for linguistic and cultural differences to ensure accurate emotion detection.

Portfolio website

php,javascript,css,mysql

Created a portfolio website with PHP, CSS, JavaScript, and MySQL, hosted on HostItBro. Showcases projects, skills, and achievements with dynamic content and responsive design.

Certifications

Oracle Cloud Infrastructure 2023 Data Science - Oracle.

Code Chef Week Contest Completion (2*) - CodeChef.

MathWorks Virtual Internship - Matlab.

Paper Publication

EaseRent: Integrated Web and Mobile Rental Solutions, Presented at the 2nd International Conference on Evolutionary Artificial Intelligence (ICEAI 2024)