

DHINESHBALAN

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TRICHY, TAMIL NADU

SKILLS

Programming Languages:

C++, C, Python

Development Platforms:

Angular, ASP.Net, Unity, HTML, CSS, Flask,

Databases:

MYSQL, ORACLE

EDUCATION

M.TECH - INFORMATION TECHNOLOGY

Madras Institute of Technology, Chrompet

2024- PRESENT CGPA - 7.5

B.Tech - INFORMATION TECHNOLOGY

College of Engineering, Guindy

2020 - 2024 CGPA - 7.4

HSC

CVCS

2020 CGPA - 7.9

STRENGTHS

Adaptability

Problem Solving

Synergistic

CERTIFICATIONS

Cyber Security (VERZEO)

Bug Bounty

AWS (Workshop)

ChatGPT (GUVI)

PROFILE

Aspiring IT professional with a strong foundation in software development, augmented reality, IoT, and web technologies. Proficient in C++, Unity, and MySQL, with hands-on experience in building innovative, user-centric solutions. Demonstrates a passion for learning, adaptability to new technologies, and a commitment to continuous growth. Focused on delivering impactful tech solutions through practical project experience and a drive for excellence.

PROJECTS

Diet Management System

Developed a web-based application to help users track their diet, receive personalized food recommendations, and interact with a chatbot for dietary guidance.

Skills Utilized: Python, MySQL, Chatbot Integration

Impact: Enabled users to make informed dietary decisions and maintain healthier eating habits through real-time tracking and intelligent suggestions..

Crop Prediction Using Satellite Image

Developed an application to analyze satellite images for assessing soil nutrients and predicting suitable crops.

Skills Utilized: Python, Image Processing

Impact: Enhanced accuracy in agricultural planning by providing data-driven insights into soil quality.

FITNESS MOBILE APP (MERN)

Developed an Android app for accessing fitness training sessions and calculating calories.

Skills Utilized: MERN Stack (MongoDB, Express, React, Node.js)

Impact: Improved user engagement and fitness regimen planning through interactive features.

AR Book (Unity/Vuforia)

Developed an Android mobile application for interactive AR content access.

Skills Utilized: Unity, Vuforia

Impact: Facilitated immersive educational experiences through advanced AR technology.

Smart Air Quality Monitoring System (IOT)

Created an IoT-enabled mobile sensor platform for air quality monitoring and data management.

Skills Utilized: IoT, MYSQL

Impact: Enabled real-time monitoring and management of air quality, supporting environmental sustainability.

Movie Booking Website

Constructed a website for user login, movie availability checks, ticket booking, and reservations with an admin interface.

Skills Utilized: PHP, PostgreSQL

Impact: Streamlined the movie booking process, enhancing user convenience and business efficiency.

INTERNSHIP

Saint Gobain - Full Stack Developer (1 Month)