




DHIVYA T

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CAREER OBJECTIVE

Motivated and detail-oriented Full-Stack Developer seeking a growth-oriented role where I can contribute my technical skills, learn continuously, and deliver high-quality solutions through collaborative problem-solving and innovation.

SKILLS

Programming Languages : Python, Java

Web development : HTML, CSS, Javascript

Database : MYSQL, MongoDB

Tools : GitHub, Git, Streamlit, VS Code, Postman, Selenium

Cloud & Deployment : AWS (EC2, S3 – Basics)

PROJECTS

PORTFOLIO BUILDER

Technologies: Express.js, React Js, MongoDB, REST API

Developed a full-stack CRUD application with real-time updates and a responsive UI using RESTful APIs. Implemented secure data handling and efficient workflow management following SDLC and OOP principles. Optimized performance through backend optimization, debugging, and system monitoring.

VOXHAND

Technologies: React.js, TensorFlow, Web Speech API, Three.js, Blender, MongoDB

A real-time sign language translation web application enabling two-way communication using NLP, CNN, and LSTM models. Integrated a 3D avatar to improve accessibility, user adoption, and inclusive interaction. Focused on performance optimization, real-time gesture recognition, accurate prediction models, efficient data processing, and continuous system monitoring.

SEFI - Safety Feminine Intelligence

Technologies: Python, Flask, XGBoost, Streamlit, Google Maps API, SQL

An AI-powered women's safety system that predicts real-time risk using crime data, enabling accurate decision-making through efficient data processing. Includes instant SOS alerts, live location sharing, and an interactive dashboard for safety visualization and data storytelling. Enhances user security through real-time insights, safe-zone detection, reliable backend integration.

CERTIFICATES

Web bootcamp Front-end Developer (one week) - HackerRank Javascript(Basic) -
HackerRank SQL(Basic,Intermediate)

EDUCATION

Master of Computer Applications(MCA)
Coimbatore Institute of Technology CGPA - 9.11

2024 – 2026

Bachelor of Computer Application(BCA)
Imayam Arts & Science CGPA - 8.7

2020 – 2023

Zamindar's Hr.Sec

HSC - 72
SSLC - 83

ACHIEVEMENTS

HyperVerge SensAI 30-Hour Hackathon – Video Course Generator

Created a video-to-course automation tool with AI-driven summarization and quiz generation, collaborating effectively with a team during the HyperVerge SensAI 30-Hour Hackathon.