



Shakthi Nandan

✉ shakthinandanp0712@gmail.com ☎ 7010016974 ⌂ CIT,Coimbatore 📅 7th December 2004 ♂ Male

LinkedIn: www.linkedin.com/in/shakthi-nandan/ Portfolio: shakthinandan.live GitHub: github.com/ShakthiNandan

PROFESSIONAL OBJECTIVE

Thriving in diverse environments using my skills driven by passion for both technology and creative expression, I am looking for an opportunity to work as a team player and leader in a reputed MNC

EDUCATION

B Tech <i>Coimbatore Institute of Technology</i> CGPA - 9.43	2022 – present Coimbatore
HSC <i>SMBMP HSS</i> 96.2%	2021 – 2022 Dindigul

PROFESSIONAL EXPERIENCE

Software Tester <i>Akamai Technologies</i> UI Testing & Automation - Python Playwright, Jenkins	06/2025 Bangalore
Java Developer <i>Samsung Prism</i> On-device Malware Detection Pipeline - Tensorflow Lite, Java File Parsing	04/2025 Online
Software Developer <i>Lofty Agrotech</i> Plant Image Classification - MobileNetV2, OpenCV based ML Model	12/2024 Coimbatore
Web Developer <i>Universiti Sains Islam Malaysia</i> USIM Clinical System - Flask, Sqlite based EHR	07/2024 Malaysia

SKILLS

Web Hosting <ul style="list-style-type: none">RenderPython AnywhereStreamlitVercel	Web Development <ul style="list-style-type: none">HTML/CSS/JSFlaskReactJS - NodeJSFlutter	Visualizations <ul style="list-style-type: none">Python MatplotlibPowerBITableauBlender 3D
DBMS <ul style="list-style-type: none">Sqlite3MysqlMongoDBPostgres - Supabase	Artificial Intelligence <ul style="list-style-type: none">MCP ServersLangChainOpenCVOllama - OpenWebUI	Programming Languages <ul style="list-style-type: none">PythonSQLCJava
App Testing <ul style="list-style-type: none">SeleniumPython PlaywrightJenkins	Game Development <ul style="list-style-type: none">GodotBlender 3D ModellingUnity3D	Interpersonal Skills <ul style="list-style-type: none">LeadershipTeam ManagementAdaptability

INTERESTS

Creating digital tools for ease of life | Making Virtual Objects | Creating Game Worlds

PROJECTS

Portfolio Website

React, Node JS

Comprehensive Collection of my Personal and Professional Projects

360 VR College Tour & AR Navigation

A-Frame, Flask

Hosted a WebAR Simulation of the College Campus

Facial Emotion Recognition based Attendance Software

DeepStack, Docker, Flask

Web-based attendance system using facial recognition

AISHA SEIR Covid Chatbot

Python, SQL, HTML5

A rule based chatbot made to answer queries on COVID 19 and generate visualizations

VR FPV Drone Simulation

AFRAME, Flask, ESP32

A WebVR-based drone simulation using A-Frame and ESP32 microcontroller

IOT Gauntlet

Arduino, Embedded C Programming

An Accessibility glove that enables remote access to a PC

CERTIFICATES

Python for Data Science

IBM

Python Basic

HackerRank

JavaScript

freeCodeCamp

SQL Basic

HackerRank

Business Intelligence & Analytics

Swayam - NPTEL

SQL and Relational Databases

IBM

PATENTS

IOT-Enabled Glove For Remote Device Control

01/2025

The present invention relates to an IoT-enabled glove, a wearable device for remote control of electronic systems using intuitive hand and finger gestures. The glove integrates a microcontroller with Bluetooth and Wi-Fi capabilities, infrared sensors, ultrasonic sensors, a gyroscope, an accelerometer, tactile push buttons, and an LCD display for real-time feedback.

Artificial Intelligence-Based Application For Automated Chatting On Susceptible

05/2023

Infected Recovered For Covid 19

Artificial Intelligence-based application on susceptible exposed infected recovered for COVID 19 contains information understanding module and action generating module.

POSITIONS OF RESPONSIBILITIES

Chief Editor of PIXELS - AI&DS Department Magazine

Released 4 Editions

2022 – 2025

GPTathon Event Organizer

Online + Offline Event on Unstop

2025 – 2025

IEEE Student Member

Participated in IEEE Events

2024 – 2025

AWARDS

IEEE Project Expo

IEEE

1st Prize - VR College Demo

2024

National Level Third Prize

CSC Olympiad

English Olympiad

2021

National Level First Prize

CSC Olympiad

English Olympiad

2020