



# Shakthi Nandan

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🐙 github.com/ShakthiNandan

## PROFESSIONAL OBJECTIVE

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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

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

## PROFESSIONAL EXPERIENCE

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<b>Software Developer</b> <i>Lofty Agrotech</i>	12/2024 Coimbatore
<b>Java Developer</b> <i>Samsung Prism</i>	05/2024
<b>Web Developer</b> <i>Universiti Sains Islam Malaysia</i>	07/2024 Malaysia
<b>Android Development Intern</b> <i>Prodigy Infotech</i>	01/2024 Coimbatore

## SKILLS

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### Web Hosting

- Render Hosting
- Python Anywhere Hosting
- Streamlit, Vercel Hosting

### Web Development

- HTML/CSS/JS
- Flask
- React
- Node

### Database Management

- Sqlite3
- Mysql
- MongoDB

### Programming Languages

- Python
- C
- JS

### Game Development

- Godot
- Blender 3D Modelling

### Visualizations

- Python Matplotlib
- PowerBI
- Tableau
- Blender 3D

### Artificial Intelligence

- Generative AI
- Machine Learning

### Planning and Team Management

## AWARDS

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### IEEE Project Expo

*IEEE*

1st Prize - VR College Demo

2024

### National Level Third Prize

*CSC Olympiad*

English Olympiad

2022

### National Level First Prize

*CSC Olympiad*

English Olympiad

2021

## PROJECTS

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### Portfolio Website

*React, Node JS*

Comprehensive Collection of my Personal and Professional Projects

### 360 VR College Tour & AR Navigation

A-Frame and Three JS based WebAR Project

### Virtual School Tour

*Blender, 3D modelling*

A virtual walkthrough of the school campus

### Clinical Records System

Efficient storage and retrieval of medical records.

Universiti Sains Islam Malaysia

### AISHA SEIR Covid Chatbot

*Python & Web Development*

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

### IOT Gauntlet

*Arduino, Embedded C Programming*

An Accessibility glove that enables remote access to a PC

### VR Drills

*GODOT, Game Demo*

An Immersive Emergency Drill Simulator

## CERTIFICATES

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**Python for Data Science**  
IBM

**JavaScript**  
freeCodeCamp

**SQL Basic**  
HackerRank

## PATENTS

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### **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 Infected Recovered For Covid 19**

05/2023

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

## INTERESTS

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