

P S THOUFIQ

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 @Thoufiq26

 Shaik Thoufiq

SKILLS

Programming Languages: Python, Java (Basics), C (Basics)

Web Development: MERN Stack Development ,BootStrap

Database: SQL

Tools & Technologies: Git & GitHub, VS Code, Jupyter Notebook, PyCharm,API Integration

Concepts: Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), Database Management Systems (DBMS), Operating Systems (OS), Computer Networks, Artificial Intelligence & Machine Learning (Basics)

EDUCATION

- B. Tech in Computer Science and Technology (CST)
Madanapalle Institute of Technology & Science | CGPA: 8.67 (3rd Year, 1st Semester)
- XII | Mother Teresa Junior College 78.8% | 2022
- X | Universal High School 77.5% | 2020

EXPERIENCE

Slash Mark IT Solutions |Python Online Internship | May 2024 - July 2024

- Developed Python scripts for a password generator, to-do list, and number guessing game
- Applied programming techniques and Object-Oriented Programming (OOP) principles

Skills: Python, Problem-Solving, Object-Oriented Programming (OOP)

PROJECTS

1. Mocksy – AI-Powered Interview & Preparation Platform

- Built a full-stack web application offering AI-driven mock interviews with camera and mic integration, real-time feedback, and rating system.
- Integrated job application portal, subject-wise preparation links, and an interactive coding editor with compiler.
- **Tech Stack:** Next.js, React.js, Tailwind CSS, Framer Motion, Clerk Auth, Drizzle ORM, PostgreSQL, Judge0 API.

2.Universe App

Developed an interactive space learning platform featuring NASA's Image of the Day, planet weight calculator, upcoming launches, solar system journey videos, and an astronomy calendar, leveraging multiple space APIs to provide users with dynamic and educational space-related content.

- **Tech Stack:** React.js, Tailwind CSS, NASA APIs, Render

3 .Weather App

- Designed and Developed a web application to fetch and display real-time weather data using OpenWeatherMap API.
- Implemented responsive UI for dynamic weather updates based on user location input.
- **Tech Stack:** HTML5, CSS3, JavaScript, OpenWeatherMap API.

4. Tic-Tac-Toe Game

- Created a fully functional Tic-Tac-Toe game with responsive design using JavaScript.
- Implemented game logic for two-player interaction, turn-based gameplay, and win detection.
- **Tech Stack:** HTML5, CSS3, JavaScript.

5. Face Detection Using OpenCV

- Built a real-time face detection script using Python and OpenCV.
- Applied image processing techniques for accurate facial recognition.
- **Tech Stack:** Python, OpenCV.

6. Saturn's Ring Tilt Calculation

- Implemented a Python program to calculate the tilt of Saturn's rings using astronomical data.
- Utilized mathematical models and data visualization to represent tilt variations over time.
- **Tech Stack:** Python, Matplotlib, NumPy, Ephem, Datetime.

CERTIFICATIONS

- AI/ML for Geodata Analysis | ISRO
- Full Stack Developer | IBM
- AWS Cloud Practitioner Essentials | AWS
- Accenture Software Engineering Simulation | Accenture
- Python Basics for Data Science | IBM
- Python Essentials 1 | Cisco Networking Academy
- Python Essentials 2 | Cisco Networking Academy
- Introduction to C | SoloLearn

WORKSHOPS & EVENTS

- Participated in the Web Development Workshop at Madanapalle Institute of Technology & Science (MITS), focusing on HTML, CSS, and JavaScript basics.
- Took part in the College-Level Tech Quiz conducted by the CSE Data Science Department during D'Festa at MITS, enhancing technical knowledge.

ACHIEVEMENTS

- Solved 200+ problems on LeetCode and GeeksforGeeks, focusing on Data Structures and Algorithms.
- Runner-up in Intra-School Volleyball Tournament at Universal High School.