




SURYANSH SHARMA

 github.com/suryansh-it  linkedin.com/in/suryansharma  suryansharma09@gmail.com

EXPERIENCE

WATT Incorporate

Apr. 2023 – May 2023

Software Engineer Intern

- Collaborated on an AI-based healthtech project, integrating HTML/CSS and Python to develop a user-friendly assistant that optimizes health functionalities.

Tuffle Enterprises

Aug. 2023 – Sept. 2023

Python Trainee Intern

- Authored Python-based projects focusing on game and application development, utilising a variety of libraries and frameworks.

SKILLS

Languages: Python, C++ , SQL, C, JavaScript, Dart, HTML/CSS

Tools/Tech Stack: AI/ML, PostgreSQL, MongoDB, SQLite, Postman, Git/GitHub, Godot Game Engine, Canva, Figma

Libraries/Frameworks: Flutter, Pygame, Pandas, NumPy, PyQt/PySide, Tkinter, Flask, Django, OpenCV, TensorFlow

Soft Skills

Leadership, Communication, Teamwork, Adaptability , Analytical Thinking , Emotional Intelligence

PROJECTS

Smart Yoga Assistant — Python, OpenCV, TensorFlow, PoseNet, PostgreSQL, Flask, HTML/CSS, JS, Git

- Developed a real-time yoga assistant using Python, OpenCV for pose tracking, PoseNet for pose estimation, and TensorFlow for classification with the Yoga-82 dataset.
- Integrated PostgreSQL for storing user data and pose history, with Flask handling real-time feedback and backend management, basic front-end with HTML, CSS, and JavaScript for real-time video feedback and pose correction

Snakes and Ladders Game — Python, Pygame Library, OOP, Git, VS Code

- Designed and implemented a Snakes and Ladders game in Python, showcasing proficiency in OOP principles and effective use of matrices for game mechanics.

Smart Attendance and Analytics System — Python, Flask, OpenCV, MongoDB, scikit-learn, Streamlit, Git

- Developed a vision-based attendance tracking application using Flask and MongoDB, automating monitoring with OpenCV for real-time facial recognition while leveraging scikit-learn for pattern analysis and Streamlit for data visualization to enhance workforce management decisions.

Other Projects — Python, JavaScript, Pygame, Flask, Django, PostgreSQL, SQLite, HTML/CSS, Git

- Game Development:** Developed engaging games like *Flappy Bird* and *Chrome Dino* using Python and Pygame.
- Sudoku Solver:** Created a Sudoku solver with a *backtracking algorithm* and Tkinter interface.
- Emotion Detection:** Built a real-time emotion detection system using Python, OpenCV, and PostgreSQL for data management, with a front-end in HTML/CSS and JavaScript.
- Backend Applications:** Developed tools like a *weather forecast tool*, *URL shortener*, *task manager*, and *blog platform*, all documented on GitHub.

EDUCATION

Samrat Ashok Technological Institute, Vidisha

June 2026

Bachelor of Technology (B.Tech) in Information Technology

Current CGPA: 7.10

SOCIAL INITIATIVES/VOLUNTEER WORKS

Organized and worked as the student coordinator in the internal College round for Smart India Hackathon 2024.