**Saurabh Pawal**
Roll No.: 22CSB0A42
B.Tech in CSE, 3rd Year
National Institute Of Technology, Warangal

☎ +91-9373234858
✉ sd22csb0a42@student.nitw.ac.in
✉ 21129saurabh@gmail.com
in LinkedIn Profile

## EDUCATION

• **National Institute of Technology, Warangal** *2022-2026*
*B.Tech in Computer Science Engineering*

• **Pratibha International School and Junior College** *2020-2022*
*12th, CBSE, Maharashtra*

• **SNBP International school, Pune** *2007-2020*
*10th, CBSE, Maharashtra*

## PERSONAL PROJECTS

• **Melody Manager**
*Python-powered Music Library System with MySQL integration*

– **Developed a full-fledged music library system** that allows users to **manage, store, and retrieve songs seamlessly**.
– Integrated **MySQL for robust and scalable data storage**, optimizing retrieval speeds.
– Implemented **CRUD functionalities (Create, Read, Update, Delete)** for efficient database management.
– Designed **advanced search features** that filter songs by **title, artist, album, and genre**.
– **Optimized query execution**, reducing data retrieval time for an enhanced user experience.

• **Learn Trade: Stock Trading Portfolio Management System**
*Developed an application capable of managing a stock market portfolio providing users with real-time data and trading options.*

– Tools & technologies used: Python, **Pandas**, **Beautiful Soup**, Requests, **Tkinter**
– Developed a tool simulating stock trading with real-time price retrieval via **web scraping** from **Google Finance**.
– Implemented advanced **CSV file** handling for the **effective storage** of user portfolios and account variables.
– Enabled users to perform buy and sell transactions, calculate total investment and monitor profit and loss.
– Designed an user-friendly interface featuring **real-time stock updates, portfolio display and account balance**

## TECHNICAL SKILLS AND INTERESTS

**Languages**: C++, Python, Java, HTML, CSS, SQL, ReactJS(Basic)
**Skills**: Data Structures and Algorithms, Database Management Systems, Frontend Development
**Developer Tools**:VS Code, Git/GitHub
**Databases**: MySQL
**Other Tech Skills**: DBMS, Cyptography
**Soft Skills**:Leadership, Team Management, Communication, Time management, Adaptability, Composure, Patience
**Areas of Interest**: Software Development, Business Management

## POSITIONS OF RESPONSIBILITY

**Executive Lead**, Computer Science and Engineering Association *2022-Present*
• Managed and coordinated key initiatives, boosting student involvement and organizing major events.
• Led the design team in creating impactful visual content for events, workshops, and promotions.
• Successfully organized multiple events and workshops focused on cutting-edge computer science technologies.

• **Secratary**, Team Avighna *2023-Present*

– Managed the collection of funds **(over 4 lakhs)** and played a vital role in supervising all event transactions.
– Effectively managed the event's social media handle and collaborated with design teams to infuse a creative touch.
– Coordinated with the team to manage footfall, accommodating 1500+ attendees at the event

• **Crew Member**, Uniq Dance Crew *2022-Present*

– Represented NITW at prestigious institutions nationwide, including IIT B, IIT H, and BITS Pilani.
– Organized and managed inter-college dance cyphers during the annual Spring Spree festival.
– Played a key role in developing choreography and rehearsing with the crew to enhance performance quality.

## ACHIEVEMENTS

• Scored **99.14 percentile** in JEE mains achieving a **All India Rank (AIR) of 7408**.

• **Semifinalist** of ChoreoNight at **IIT Bombay's** MoodIndigo and **IIT Hyderabad's** Elan and Vision.

• Represented at **Oxford Presents Student MUN** with junior college team as **sports captain**.