

## Education

- **PES University** Bangalore, India  
Bachelor's in Computer Science and Engineering **CGPA: 9.27/10.00** 2021-2025

## Experience and Projects

- **STARC (Sports Technology and Analytics Research Centre) Project Intern** (Jun 2023)
  - Utilizing Python and various open-source modules to implement a **wide detection model** for cricket.
  - Developing a **pose detection model** to accurately track the batsman's position and utilized **image processing techniques** to effectively detect wide lines on the pitch. Used **Unity Engine** for 3D representation.
- **Rift Website** (Jun 2023)
  - Developing a social media platform using **ReactJS** for the front-end, **ExpressJS** for backend API calls, and **MongoDB** for the database.
- **Deep learning Race Car** (Mar 2023)
  - Implemented a deep learning car which learns to race on any given track using NEAT algorithm and **Neural Networks from scratch** using **NumPy** and **Pygame**, with a team of 4.
- **Hashcode Hackathon** (Mar 2023)
  - Participated in a 24-hour hackathon with a team of 4 to develop a forecasting model to the problem statement given by **Cisco** in the field of **Inventory Management and Demand Prediction** using **Python** and **ML Models**.
- **Course Recommender**
  - Developed a content-based course recommender using **Python** and **Streamlit**, employing algorithms to analyse user preferences and course content for personalized recommendations
- **Logic Gate Circuit Simulation** (Dec 2022)
  - Designed and programmed interactive logic gate simulations using the MERN stack and visual understanding of digital logic principles.
- **Monopoly game**
  - Developed a mini monopoly game in **C programming** with **GUI on terminal**

## Skills

- **Languages:** Python and C/C++
- **Machine Learning:** Scikit-learn, Pandas, NumPy, Mediapipe, Matplotlib, Seaborn, Data Visualization
- **Web Tech:** HTML/CSS, React, JavaScript, Nodejs, Express
- **Soft Skills:** Teamwork, Time management, Situational analysis, Adaptability, Stress management
- **Others:** Blender, Design, Video Editing

## Courses

- Completed the **Recommendation System Course** by PESU I/O.
- Completed the course on **Machine Learning with Python** on **Udemy**. Link: [Certificate](#)
- Completed the course on **NLP Empowerment** with **Python** and **OpenAI**.

## Leadership and Scholarships

- **MRD Scholarship** awarded by PES University for placing **top 20%** of university in 1st, 2nd and 3rd semester each
- **Sponsorship Coordinator** for college fest Maaya at PES University
- **Former Vice President** of SNBP International School, Pune, Maharashtra (9th Grade)

## Achievements

- **7<sup>th</sup>** in Hacknight, a coding competition to get most PR's accepted on Github (Oct 2022)
- **8675<sup>th</sup>** in Google Code Jam (Feb 2022)
- **1<sup>st</sup>** in Relay race in 9<sup>th</sup> grade (Jan 2018)
- **1<sup>st</sup>** in 300m roller-skating (Feb 2015)
- **3<sup>rd</sup>** in 300m roller-skating (Feb 2014)