

## Education

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- **PES University**

Bachelor's in Computer Science and Engineering; CGPA: 9.27/10.00

Bangalore, India

2021-2025

## Experience and Projects

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- **STARC (Sports Technology and Analytics Research Centre) Project Intern**
  - Utilized *Python* and various open-source modules to implement a *wide detection model* for cricket.
  - Developed 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**
  - Developing a social media platform using *ReactJS* for the front-end, *ExpressJS* for backend API calls, and *MongoDB* for the database.
- **Course Recommender**
  - Developed a content-based course recommender using *Python* and *Streamlit*, employing algorithms to analyse user preferences and course content for personalized recommendations
- **NeuraLap: The Autonomous Racing Project**
  - 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**
  - 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 various **ML Models**.
- **Monopoly game**
  - Developed a mini monopoly game in *C programming* with *GUI on terminal*

## Skills

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- **Languages:** Python, C/C++, R programming
- **Machine Learning:** Scikit-learn, Pandas, NumPy, Mediapipe, Matplotlib, Seaborn, Data Visualization
- **Web Tech:** HTML/CSS, ReactJS, JavaScript, Nodejs, ExpressJS, NextJS, Tailwind CSS
- **Soft Skills:** Teamwork, Time management, Situational analysis, Adaptability
- **Others:** Blender, Design, Video Editing

## Courses

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- 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

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- **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

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- **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)