

PRATYUSH JAISHANKAR

Software Developer

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Jamshedpur

PJ

EDUCATION

B.Tech

PES University

09/2021 - 06/2025 Bengaluru

- Major in Electronics And Communication
- Minor in Computer Science

Class XII ISC

Rajendra Vidyalaya

04/2019 - 05/2021 Jamshedpur

- What knowledge or experience did you acquire during your studies there? (e.g. Delivered a comprehensive marketing strategy)

EXPERIENCE

Summer Intern

STARC'23

06/2023 - 08/2023 Location

Company Description

- Development of the Fast Bowler Injury Prediction And Rectification System, utilizing Deep learning algorithms to analyze fast bowler action forms and predict potential injuries with 80% accuracy.
- Integrated a similar action retrieval system, allowing users to receive visual feedback on correcting their bowling form, resulting in 40% improvement in form correction effectiveness.
- Technologies: Python, TensorFlow, OpenCV, Mediapipe, Yolo-Nas, Data Preprocessing.

PROJECTS

Alphabet

Date period Location

Short summary of your work

- Identified errors in children's handwriting and provided corrective feedback.
- Implemented features to visualize correct writing techniques and mark errors for improvement.
- Technologies: Python, OpenCV

Hospital Management System

Date period Location

Short summary of your work

- Led the creation of a Hospital Management System, combining MySQL database management with Python Streamlit frontend, to improve administrative tasks and patient care.
- Implemented a comprehensive range of functionalities within the Hospital Management System database to address diverse administrative needs in healthcare facilities.
- Technologies: MySQL, Python (Streamlit for frontend).

SUMMARY

As a recent graduate in Electronics and Communication, I possess a solid understanding of technology. Despite my background, I've developed strong programming skills and gained practical experience through projects. With problem-solving abilities and effective communication skills, I am ready to transition into software engineering. I am committed to contributing positively and advancing in this field.

SKILLS

Data Structures

Algorithm

Python

C/C++

Git

Machine Learning

Artificial Intelligence

Deep Learning

Computer Vision

MySQL

Networking

Quick Learner

Routing

Teamwork