# Piyush Sayaji Torawane

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## Objective

**Computer Science undergraduate** Curious, impact-driven engineering student with a passion for building at the intersection of technology, business, and design. I thrive on solving real-world problems through structured thinking, cross-functional collaboration, and continuous learning — whether it's through developing scalable tech systems, diving into quantitative finance, or shaping product strategy. Actively seeking opportunities where I can bring clarity, energy, and execution to fast-moving teams, while evolving into a high-leverage generalist with deep technical roots and entrepreneurial mindset

## Education

**VIT Bhopal University**, B.Tech. in Computer Science with specialization in AI & ML     July 2022 – July 2026
- GPA: 8.19/10 (Transcript)

January 2023 – May 2023

## Leadership Experience

**Club Cordinator**, Fintech club
- Streamlined pipeline management processes through automation tools, reducing processing time by 35% and ensuring timely updates on 95% of scheduled financial review
- Managed the launch of new booking system to improve organization

**Club Cordinator**, BashCraft Club
- Led a team of members, delegated tasks, and ensured smooth execution of club activities throughout the semester.
- Coordinated with faculty and external speakers for event approvals, logistics, and promotions.

## Projects

**Panoptic Image Segmentation using Deep Learning**
- Implemented a panoptic segmentation model combining semantic and instance segmentation using Mask RCNN/ Detectron2.
- Trained the model on COCO dataset, achieving accurate object and background differentiation.

**HealthCare System**
- Integrated a machine learning model in the backend to predict disease risks based on patient inputs, with an accuracy of about 95%.
- Collaborated with the frontend and database teams to ensure smooth data flow and system performance with minimal wait time, around 10 ms.

## Technologies

**Languages:** Python, SQL, Node.js, , Java,MATLAB,,Microsoft Office (Excel, Word, PowerPoint).

**Framework/Tools:** Flask, PyTorch, TensorFlow, Pandas, NumPy, Scikit-learn

**Database System/Data Tools:** MySQL, MongoDB, Tableau, Excel

## Hackathon/Case stuy Experience

**AwsxZelestra:** Secured AIR-63 in Round 1, beating 200,000+ participants from over 3,500 institutions.

**IIM Ahemdabad CaseStudy Challenge 2024:** Ranked Top 15 teams globally in a 36-hour innovation case study challenge.

## Certifications

- AI For Everyone - Coursera (Andrew Ng)
- Python Essentials – Vidyarthi
- Foundations of Project Management - Coursera (Google)
- Excel for Business (Essentials) - Coursera