

# Dhanush Pujari

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## EDUCATION

### **Mahindra University**

*Bachelors of Technology in Artificial Intelligence*

Expected graduation date: June 2025

- Head of 8counts (The Dance Club) of Mahindra University (2023-2024)

### **Sasi Educational Institutes**

Year of pass out: May 2021

- President of the Business Panel

### **AVNM High School**

*[Mathematics, Physics, Chemistry, English (Language), Information Communication and Technology]*  
(MERIT)

Year of pass out: March 2019

- Student Council: Head Boy(2018-2019)
- Student Council: Junior Prefect (2015-2019)
- Basketball Captain (2015-2019)
- Volleyball and Throwball Vice-Captain (2014-2019)

## PROJECTS

### **BodySync, a Real-Time virtual try on application**

I am currently working on a project to develop a real-time virtual try-on system for clothes using Unreal Engine and machine learning models. Additionally, I am building a website that allows users to add clothing to their pictures. My current focus is on achieving real-time 3D cloth simulation.

### **AI-Powered Recommendation Engine**

*Developed a machine learning-driven system to personalize user experiences and boost engagement on digital platforms.*

### **OTR, The mixture of Social-Media and Dineout**

Currently working on my own application know as OTR which hsa the features of a Social-Media app and Dineout app.

## COURSES

- **Full Stack Web Development, Python Programming, Android App Development, Internet of Things and Data Science**

Did these courses at TECHNOPHILIA located in IIT KHARAGPUR from june 2023 to Aug2022

- **Google Cloud Big Data and Machine Learning**

Learnt on how to use Google Cloud platform for Big Data Management and Machine Learning from April 2023 to May 2023

#### INTERNSHIP(s)

AR/VR developer

*SNAPCHAT*

March 2025 - Present

- Contributed to the development of an API for indoor navigation using augmented reality (AR) for Snapchat Spectacles
- Assisted in refining spatial mapping algorithms and UX design to enhance real-time navigation experiences, ensuring seamless integration with AR glasses.
- Conducted testing and validation of AR navigation features, analyzing performance metrics and user feedback to improve accuracy and usability.

APP Developer

*HNWI Food Mart*

APRIL 2021 - AUG 2021

- Examining the requirements of the business and the intended user base to create an app that blends in with their preferences.
- Giving advice and direction on how to carry out testing and UX research approaches to study and forecast user behavior.
- Designing and Testing App.

Machine Learning Intern

*CORIZO*

SEPT 2023 - NOV 2023

- Accomplished two projects in my final month after completing two months of training.
- Conducted In-depth Analysis: Analyzed the data about stock market and created an ML model which can predict the Stock Price
- Contributed Actively to Strategic Sessions: Actively contributed to weekly strategy sessions, offering valuable insights and recommendations to fuel organizational growth.
- Finished a significant project involving the analysis of wine quality.

Campus Executive

*IIT Kharagpur*

JUNE 2023 - FEBRUARY 2024

Campus POC

*For most of the colleges in Hyderabad*

JUNE 2023 - FEBRUARY 2024

## SKILLS

| C Language | HTML and CSS | Java Script| PHP |Nodejs| Express js | MongoDB | SQL | Figma (Interface design tool) | MATLAB | Python | Kotlin | Project Management | SQL | Computer Networking | Libraries like Numpy, Pandas etc.

## RELEVANT COURSEWORK

Optimization techniques for AI, Data Structures, Artificial & Computational Intelligence, Artificial Intelligence and Humanity, Digital Logic Design and Computer Architecture, Lean Startup, Machine Learning and Python, Numerical Methods, Theory of Computing, Design Thinking, Discrete Mathematic Structures, Auto CAD, Database Management System, Design Analysis and Algorithms, Identifying and Evaluating Business Opportunities, Operating Systems, Natural Language Processing, Computer Networking, Digital Image Processing

## AWARDS AND ACHIEVEMENTS

| Sport medals in Basketball, Volleyball, Swimming, Throwball and Athletics |  
Winner for Battle of the Beats | First place in the Francophone competition |  
Top participant in HULT prize

## INTERESTS AND CO-CURRICULAR ACTIVITIES

| Dance | Sports (Volleyball, Badminton, Cricket) | Esports | Calisthenics |

## VOLUNTEERING

- Cleanliness Drive by the Outreach club of Mahindra University
- Sponsorship Coordinator for Aether and Airo 2023 of Mahindra University
- Helped a community with décor and management during the bathukamma festival for as act of community service
- Reuse plastic and plantation of plants in an organic method