

Ayush Hrishikesh Mishra

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LINKS

[LinkedIn](#), [Github](#), [Website](#)

PROFILE

I am an undergraduate student in computer science who is passionate about exploring the exciting and ever-evolving world of technology and its endless possibilities. I am a motivated individual who thrives in a collaborative environment and is excited to work towards personal as well as organizational success. As a result of my involvement in various projects pertaining to software development, the Internet of Things, and machine learning, I have acquired significant experience in these domains. I have a constant eagerness to embrace novel experiences and expand my knowledge.

EDUCATION

Sep 2020 — Aug 2024	B.Tech, Vellore Institute of Technology	Amaravathi, AP
Mar 2019 — Jul 2020	SSC, Sarvodaya Senior Secondary School	Kota, Rajasthan
Mar 2019 — May 2019	HSC, DAV Public School	Mumbai

SKILLS

Java	Machine Learning
Python	JavaScript
R	ReactJS

PROJECTS

Nov 2022 — Dec 2022	Diagnosing Alzheimer using Handwriting Changes in handwriting can be observed in individuals with Alzheimer's disease. By analyzing the size, speed, and fluidity of a person's handwriting, it is possible to make predictions about the presence of Alzheimer's disease. Successfully able to predict Alzheimer with 86% accuracy
Sep 2022 — Nov 2022	Wearable Technology to aid the Visually Impaired A wearable navigation device utilizes a live camera feed and haptic feedback to assist users in navigating through their environment. Powered by a compact Arduino Nano that controls the vibration patterns of small motors, it can improve mobility for individuals with visual impairments or those who may have difficulty with traditional navigation tools.
Mar 2023 — May 2023	Building a Synthetic Customer Dataset for Market Segmentation Customer segmentation can be accomplished using synthetic data, which involves generating artificial datasets that mimic the characteristics of real-world customer data. This method can help organizations identify patterns and trends within their customer base and create targeted marketing campaigns or personalized experiences for different customer segments.
Feb 2023 — May 2023	Smart Attendance System using Facial Recognition The attendance tracking system utilizes a Raspberry Pi and a Pi Cam camera module to implement facial recognition technology. This system can accurately track attendance and generate reports based on the captured data. When a person's face is scanned using the camera and facial recognition software, the system checks for a match in the database. If a match is found, the system records the individual's time and attendance, and updates the database accordingly.

COURSES

Applied Machine Learning , Boston IT Services