

Aryan Mundra

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OBJECTIVE

A Computer Engineering undergraduate with a significant interest in autonomous driving perception, aiming to pursue a Master's in Computer Science specializing in Machine Learning and Computer Vision. I aim to later work as a research engineer in perception and path planning.

EDUCATION

Vidyalankar Institute of Technology , Mumbai University **August 2019 - June 2023**
Bachelor of Engineering in Computer Science engineering **CGPA – 9.35/10**
(Achieved a GPA of more than **9.8** in **four** out of the **eight** semesters.)

PROFESSIONAL EXPERIENCE

Jio platform Limited | Software developer (Full time) **September 2023 – Present**

- Upcoming role at Jio Platforms Limited, where I will be contributing to software development

Azure Skynet Technology | Android development Intern **March 2023 – April 2023**

- Gained expertise in Android app development, encompassing architecture, UI/UX, sensors, permissions, and multimedia components.
- Successfully integrated Firebase API for app functionality and learned to implement ads to explore monetization strategies, demonstrating practical knowledge of essential tools for enhancing user experience and revenue generation.
- Developed a real-time current location app, applying learned skills in Android development to create a functional and user-friendly application. [View Certificate](#)

Growth Ninja | Machine learning Intern **October 2022 – December 2022**

- Developed an Article Recommendation System as a part of a machine learning internship.
- Utilized Python and relevant machine learning libraries (e.g., TensorFlow, Scikit-learn) to build the recommendation system. [View Certificate](#)

Technophilia Solutions | Web developer intern **March 2022 – June 2022**

- Participated in the development of an e-commerce website.
- Gained insights into the integration of online payment systems within e-commerce platforms. [View Certificate](#)

Vidyalankar Institute of Technology | Web developer intern **June 2021 – August 2021**

- Designed and built a Canteen Food Ordering System using Django, Python, and JavaScript to eliminate college canteen queues
- Focused on backend development, implementing efficient data processing and handling user authentication. [View Certificate](#)

SNT Creation | Associate Manager **April 2019 – May 2021**

- Successfully transitioned wholesale business to the digital realm.
- Developed an e-commerce platform for SNT creations, specializing in imitation jewelry.
- Expanded sales channels to include Amazon, Flipkart, and other e-commerce platforms

Projects

Face Recognition with Real Time Database | Computer vision, python, Open CV

- This project utilizes OpenCV, Python and face recognition for real-time face recognition using a webcam
- It integrates with a Firebase database to manage and update student data, including attendance records and personal details. [View Code](#)

Movie recommender Using Mahine Learning and Django| NumPy , Pandas, SciPy , Django ,Python

- This project is a Movie Recommendation Engine using collaborative filtering with matrix factorization algorithms, recommending movies to users based on their preference.
- It utilizes web technologies for the interface and machine learning libraries for the recommendation process, all powered by an SQLite database. [View Code](#)

Parking Space Detector Using Open CV | Computer vision, Python Open CV

- The "Parking Space Counter" project relies on computer vision, utilizing OpenCV for image processing, Python's pickle for data storage, and CV for text annotations.
- Its primary function involves real-time detection and counting of available parking spaces in video feeds or images, offering up-to-date information on vacant parking spots. [View Code](#)

Grocery – Rush | Flutter, Dart, Google Firebase

- Developed using Flutter, Dart, and Google Firebase, Grocery Rush (G-rush) consists of three apps, facilitating local grocery shops to compete in the 10-minute delivery market.
- G-rush, a final-year engineering project, empowers local vendors with a rider, seller, and user app, streamlining grocery orders and deliveries for enhanced competitiveness. [View Code](#)

Jewelxa | Django , Python , SQL , Html , CSS , JavaScript, Amazon web services (EC2 instance,S3 bucket)

- Created an e-commerce site specializing in imitation jewelry using Django, Python, HTML, CSS, and JavaScript, with deployment on AWS using Elastic Beanstalk and EC2.
- Developed essential e-commerce functionalities, including user authentication, cart management, order tracking and a product review system, offering a seamless shopping experience.

Research Paper Publication

Enhancing Mental Health Care: A Proposed Approach for Depression Detection using CNN and LSTM Model | Paper under review (Springer)

- This paper introduces an LSTM-CNN model with attention for depression detection in textual content, offering potential for early intervention.
- The model's blend of LSTM, CNN, and attention mechanisms demonstrates superior performance and promises improved depression detection and intervention, despite data imbalances.

Cyber Threat Analysis using Machine Learning Techniques , IRJMETS (International Research Journal of Modernization in Engineering Technology and Science) , Volume 05, Issue 02 , February 2023

- Paper ID = IRJMETS502000054460
- The paper discusses about an overview of the application of machine learning in cyber threat detection and mitigation, specifically focusing on phishing, malware, and intrusion detection. It demonstrates the potential of machine learning techniques in improving cybersecurity measures.

Ecommerce Multi vendor Application , IJSREM(International Journal of Scientific Research in Engineering and Management) , Volume 07, issue 05, May 2023

- The paper discusses about Multi Vendor ecommerce marketplace applications have become increasingly popular in recent years. It gives an overview about the benefits and the challenges faced in building a E-commerce multi vendor application

Extracurricular Activities

1) Founded a startup in college days

- Founded and managed successful e-commerce startup "Jewelxa" during college, specializing in the online sale of imitation jewelry.
- Developed the entire website from scratch, showcasing expertise in coding, web development, and user experience design.
- Innovatively incorporated a unique virtual try-on feature, enhancing customer engagement and facilitating informed purchasing decisions.
- Achieved impressive sales of INR 4 lakhs in just 6 months, demonstrating effective marketing strategies and business acumen.
- Gained valuable skills in customer service and communication by personally handling customer queries and managing end-to-end parcel deliveries.

2) Core Member of Student Council committee in college

- Actively contributed as a core member of the Student Council committee, overseeing the successful organization of various events, including Verve and numerous others.
- Played a pivotal role in event management within the committee, helping coordinate and execute multiple college events and activities.

Technical Skills

- Programming Languages: Java, Python, C++, JavaScript |
- Web Development: Django, Flask, HTML, CSS
- Mobile App Development: Flutter
- Machine Learning : NumPy , Pandas , SciPy
- Computer vision
- Cloud Services: Amazon Web Services (AWS)