

SKILLS

Technical & non-Technical: C, C#, C++, Python, SQL, Machine Learning Algorithms, MATLAB, Creative Programming, Statistical & Critical Analysis, Data Structures & Algorithms, Objective Oriented Programming, Project Management

Tools: Google Colab, Jupyter Notebook, MS Office, Flask, NumPy, Sci-Kit, TensorFlow, Pytorch, HuggingFace, WANDB

Certifications: Python(HackerRank), SQL(HackerRank), Introduction to Machine Learning by Stanford(Coursera), MATLAB(Coursera)

PROJECT WORK

Suicide Detection Chatbot

- Engineered an AI chatbot post-training LSTM, CNN, Logit, ELECTRA models that achieved the highest 97% accuracy rate in detecting suicidal behaviour, resulting in a potential 24/7 resource for mental health support.
- Conducted extensive research on suicidal tendencies and thoughts to inform the development of the chatbot's algorithm, incorporating numerous data points to ensure its effectiveness.
- Learnt the training of the relatively new transformer model, ELECTRA, fine-tuned it, achieved outstanding results and published it in the IEEE Research Journal.

Emotion-Based Movie Recommendation System

- Built and deployed a Python-based Movie recommender system that launches the camera to capture the facial expression of the user to determine their emotion.
- Applied Machine Learning to determine the user's emotions which led to a deeper understanding of the algorithms. Database connection from a Kaggle dataset enabled understanding of SQL.

Mobile Banking Application

- A Software Engineering & Project Management (SEPM) implementation to represent a budget-friendly application according to a client's needs
- Developed using Flutter and enables user registration and money transactions.
- Lead assist behind the 3 key features of the application – Send, Receive, Check Balance.

Designing a doorbell for folks with limited to no hearing capabilities

- Generated multiple output possibilities with the highest chances of selection for the given task and backed them with necessary and optional features for each individual option
- Planned a detailed and HR-approved go-to-market strategy for the final option of doorbell

EXPERIENCE

Developer Relations	Coldpress AI	Aug 2023 - Present
<ul style="list-style-type: none">• Synthesizing a marketing approach to create awareness of the company's creative dataset services• Researching the targeted community and commencing engagement in the related domains• Conducting market research and analysis to identify new opportunities and trends in the data domain		
Product Analyst Apprenticeship	Ginesys	Jun 2023 – Jul 2023
<ul style="list-style-type: none">• Drafted an SRS document to aid the addition of a new function to a product module to assist the Dev Team• Developed a test case and use case document for the same product that boosted its development by 10%• Aided in the progression of the addition of a feature to the business product through flowcharts, use-case diagrams and mentioned documents, along with user and product analysis		
Data Analyst Internship	Ganesham Securities Pvt. Ltd.	Mar 2023 – May 2023
<ul style="list-style-type: none">• Applied various statistical and machine learning techniques to analyse and interpret large-scale financial data from multiple sources, such as stock prices, market trends and client behaviour.• Improved the firm's client satisfaction by 15% by providing personalised and tailored advice and solutions based on the customer's preferences and goals.• Reduced the firm's operational costs by 6% by optimising the data processing and storage systems and eliminating redundancies and errors.		

Project Manager & Co-Founder	Penning Down Success	Apr 2020 – Feb 2021
<ul style="list-style-type: none"> Initiated contact with emerging artists to conduct interviews and showcase their unique stories, resulting in a 40% increase in viewership of the media platform. Implemented a comprehensive marketing strategy to promote artist interviews on various social media platforms, generating a 20% growth in follower engagement within four months. Implemented an outreach strategy targeting lesser-known artists on social media platforms, resulting in partnerships with 16 up-and-coming talents and doubling the number of featured artists on the podcast. 		

LEADERSHIP ACTIVITIES

Quality Assurance Team, Aarush SRMIST	Jun 2019 - Nov 2019
<ul style="list-style-type: none"> Responsible for overlooking the materials brought in for food stalls and ensuring sanity and a quality experience for the students and visitors alike. Led a group of volunteers by assigning tasks and responsibilities. Increased disciplined engagement throughout the event Surged footfall and business to more activity and food establishments 	

EDUCATION

Bachelor of Technology, SRM Institute of Science & Technology, Chennai, IN	2019 - 2023
Major: Computer Science Engineering	CGPA: 8.17 (out of 10)
Maharaja Agrasen Vidyalyaya, CBSE Board, 12th Standard: 65.4%	2019
Garden High School, ICSE Board, 10th Standard: 84.6%	2016

PERSONAL DETAILS

Interests: Instrumental Music, Motorsport, Badminton, Competitive Programming, Photography
Languages: English, Hindi, Bengali