DHRUV KANT LADIA

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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)

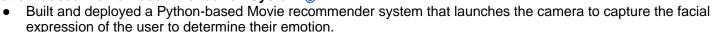
PROJECT WORK

Suicide Detection Chatbot



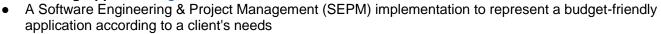
- Engineered an AI chatbot post-training LSTM, CNN, Logit, ELECTRA models that achieved the highest 97% accuracy rate in detecting suicidal behaviour, resulting in a potential 24/7 resource for mental health support.
- Conducted extensive research on suicidal tendencies and thoughts to inform the development 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 @



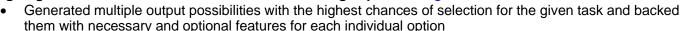
Applied Machine Learning to determine the user's emotions which led to a deeper understanding of the algorithms. Database connection from a Kaggle dataset enabled understanding of SQL.

Mobile Banking Application 🔊



- 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 @



Planned a detailed and HR-approved go-to-market strategy for the final option of doorbell

EXPERIENCE

Developer Relations

Coldpress Al

Aug 2023 - Present

- 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

- 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

- 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
- 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

- 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 Vidyalaya, 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