Shyam Patel

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HOBBIES

- Playing Sports
- Mobile Gaming
- Listening music
- Writing Blogs

EDUCATION

LDRP Institute of Technology and Research – BE in Computer Engineering
[2019–2023]–**First Class with distinction (8.36)**

H.B.K New High School
[2018-2019] - State Board – 12th
[2016-2017] - State Board – 10th

EXPERIENCE

Ridgeant Technologies ♀Ahmedabad

Data Engineer (Intern)– (Dec-2022 – Jun-2023)
- Worked with data engineer team and learn some new skills during an Internship also faced client Interview and contribute in their ongoing project.

Data Engineer– (July-2023 – Present)
- Worked with data engineer team on their on-going Finance Project of Data Migration from one place to another. Worked on tools like AWS, Oracle, Snowflake etc.

MEDIUM Blogger– (Sept-2023 – Present)
- I am Passionate about making Data Science understandable for everyone, I create beginner-friendly blogs on Medium.com. Using relatable real-life examples and simplify complex data science concepts.

Prompt Softech - Software Development Company ♀Ahmedabad:

Data Scientist (Intern) - (May 2022 – July 2022)
- Worked with data scientist team on Image based deep learning model that automatically reads milk container's temperature panel digits from Image.
- Worked on Image Annotations, model building and verifying model is working properly or not.

PERSONAL PROJECTS

Object tracking in a Flappy Bird Game using Computer Vision:

- Develop a Flappy Bird game using Python and OpenCV. The game will begin by activating our webcam. The system will then attempt to identify a specified object's color as defined in the code. If the system successfully detects the object, the game's bird character will follow the object's movements and adjust its position accordingly. If the system fails to detect the specified object, the game will end, resulting in a 'game over' scenario.

Finance Project Snowflake Migration (Team):

- Designed and implemented Extract, Transform, Load (ETL) processes for data migration from Oracle to Snowflake. Extracted data from Oracle databases and other relevant sources, transformed it into the required format, and loaded it into Snowflake and ensuring data integrity throughout the entire process.

Detecting and classifying cars using Deep Learning:

- Developed a deep learning algorithm using Computer Vision to detect and classify cars into three types: normal, commercial, and electric vehicles. Utilized specific attributes like license plate color and distinctive markings (e.g., Ola/Uber/taxi marks) to make classifications.

Email Data Extraction and Storage with AWS Lambda, SES, and S3(self)
- Developed an automated system using AWS Lambda, AWS SES (Simple Email Service), and S3 to extract email data and securely store it for further processing and analysis. The project involved leveraging AWS SES as the email receiving service, extracting specific information from incoming emails, and storing the extracted data in an Amazon S3 bucket.
- Developed an AWS Lambda function using Python to process incoming emails received via AWS SES.

many other projects are available on my GitHub

SKILLS

- **Programming Languages:** Python, C, C++, core Java
- **Also have good understanding in** Machine Learning Algorithms, Computer Vision, NLP, Deep Learning Concepts, Data Preprocessing, Pandas, NumPy, Sk-learn, Data Structure and Algorithms, AWS Lambda, S3 , AWS SES(Simple Email Service).
- **Frontend side:** HTML, CSS, JS core
- **Databases and data warehouses:** Snowflake, SQL Server, Oracle
- **Soft Skills like** Quick Learner, Creativity, Problem Solving