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Objective:

Looking for a challenging role in a reputable organization to utilize my technical skills for the growth of the organization as well as to enhance my knowledge about new and emerging trends in the IT sector. I am quick learner and very passionate about working on a cutting-edge technology that helps solving real-world problems and challenges.

PROFESSIONAL EXPERIENCE:

LuminAsic Private Limited. **September 2021 –**
Software Developer Trainee, Ahmedabad, Gujarat **April 2022**

- I'm worked on python and have developed a test application for microcontrollers using the python Qt5 framework.
- In this application user can easily load and acquire data as well as run data analysis with automated report generation.
- Large amounts of data can be easily sent to the microcontroller in this application. In real time data analysis, we can easily identify loss data.
- Create in-depth report logs on your automated test results to quickly detect and correct errors.
- Throughout the project I learned a new python Qt5 framework for GUI application developing. And I have a good knowledge of scientific libraries like Nampy and Pandas.

Educational Qualification:

Master of Computer Application (MCA) - August 2018 –
Gujarat Technological University, Ahmedabad, Gujarat July 2020

Bachelor of Computer Application (BCA) - June 2015 –
Veer Narmad South Gujarat University, Surat, Gujarat May 2018

Skill Set:

Technical (IT) Skills:

Tools:

- ♦ PyCharm
- ♦ MS Visual Studio
- ♦ Anaconda
- ♦ Eclipse
- ♦ Notepad++
- ♦ Android Studio
- ♦ Visual Studio Code

Database Management:

- ♦ MySQL
- ♦ Oracle 10g
- ♦ MS Access

Programing Languages:

- ♦ Java
- ♦ Python
- ♦ C
- ♦ C++
- ♦ Android
- ♦ .Net
- ♦ HTML
- ♦ PHP
- ♦ CSS
- ♦ Java Script

Framework:

♦ Django ♦PyQt5 ♦ Flutter ♦ Laravel
♦ Spring ♦ Selenium ♦ TensorFlow ♦ Karas

Cloud-based Technologies:

♦ Google Cloud (GCP) ♦ Microsoft Azure

Soft Skills:

♦ Quick learner ♦ Team Player ♦ Problem Solving ♦Presentation skills
♦ Communication ♦ Friendly ♦ Creativity

Projects:

Music Player Application June 2022 – Present
(Flutter, Dart, Android Studio)

- In this project I have use flutter framework to developed music player application for android and iOS.
- In music player that can play all music on YouTube, support background playing music and download the song into local storage for free.
- Its music library is extremely powerful that cover almost all songs, English, Hindi etc.
- In this application you can create your own playlist as well as so many built in playlist are available.
- In this application is main fetches is no ads coming and no need to buy premium subscription.
- Currently I working on so many fetched are coming up like sleep support, lyrics support etc.
- In this project to I learn how to developed in android and iOS application through the flutter.

Bike Rental Prediction December 2020 –
(Python, anaconda, Data science, Jupyter Notebook) April 2021

- We predict the count of bike rentals base on seasonal and environmental setting. By predicting the count, it would be possible to help accommodate in managing the number of bikes required on daily basis, and being prepared for high demand of bikes during peak periods.
- We collected two years data from Capital Bike share system, Washington D.C., USA.
- The dataset shows hourly rental data for two years. We divided dataset into two part, the first part is training and second is testing. After data distribution we dropped some unused features and null values. After we created model and applied liner regression algorithm to train data model.
- Our tool performed data analytics and correlated data based on environmental and seasonal settings. For instance, weather conditions, precipitation, day of week, season, hour of day, etc.
- Here, we tried to solve part of the problem: by showing how many users will use this service, we can better schedule demand and define the best dates for maintenance of biked that are not in use.
- Our tool successfully was able to demonstrate the bike rental patten by showcasing seasonal demands, weather related impact and what part of the city had higher demand versus which area didn't. It also allowed bike rental company to schedule bike maintenance.

Face Marks Detection July 2020 – October 2020
(Python, OpenCV, Machine Learning, TensorFlow, Karas)

- During this Pandemic of Covid -19 wearing mask in public aera is very important for safety measures.so, I decided to build a face make detector. Using this software, the law enforcement officer can detect people are wearing the mask or not using CCTV camara surveillance.
- Face mask detection can be used in any place such as a bus stop, at the metro station, railway station, outside the shops, at traffic signals.
- In This project I have used OpenCV, NumPy, Sklearn, Karas, Matplotlib libraries to train the model and plot the graph to check the accuracy. I have used the images to build a CNN model using TensorFlow. Testing was done using PC webcam.

Attendance Management System July 2020 – October 2020
(PHP, Laravel, CSS, JavaScript)

- Our project is designed to address day-to-day problem to track students' attendance. Our system saves time and reduces errors.
- Our system is tracking student's attendance base on subject and department every day. If the student absent more than three days then it can automatically send text or e-mail to student's parents. Our system also allows use to generate attendance report based on weekly, monthly or yearly bases.
- Our system also tracking student's assignment subject and department every day. If the student failed to submit the assignment for more than three days then it can automatically send text or email to student parents.
- In this project I have used PHP is Laravel Framework, jQuery, JavaScript, Ajax and MySQL database can use to store data.

Certificates:

AI for Everyone - Coursera
Neural Network and Deep Learning - Coursera
Improving Deep Neural Networks: Hyper Parameter tuning, Regularization and optimization – Coursera
Introduction to Data Science in Python – Coursera
Getting stated with AWS Machine Learning - Amazon Web Services (AWS)
Microsoft Azure AI-900 Fundamentals - Microsoft Azure

Operating Systems

Ubuntu, Windows, MacOS

Interest:

- ♦ Data Science
- ♦ Machine Learning
- ♦ Application Development
- ♦ Software Testing
- ♦ System Design
- ♦ Cloud Computing