Parth U.Sheth

Contact Details

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SUMMARY OF QUALIFICATIONS

A performance driven ambitious software developer with an extraordinary blend of and technical knowledge. Ability to communicate and motivate team members to enhance strategic goals and bottom line objectives. Creative problem solving and troubleshooting skills complemented by meticulous attention to details that will result in the success of an organization by developing new applications or improving existing ones.

- Have worked in Visual Studio .Net, C#, Python, Keras, Android Studio and SQL Server.
- Solid understanding of OOPS concepts, skilled in database programming using Sqlite3(Python Library),DB Browser.
- Understanding in creating SQL Queries, Stored Procedures in SQL Server.
- Strong skills in Debugging Techniques and Object Oriented programming concepts.
- Highly organized with the ability to manage multiple projects and meet deadlines.

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Self-motivated, good learner and quick to adapt to any changes has helped to be result oriented

PROGRAMMING LANGUAGES & DATABASE PROFICIENCY

Microsoft Technologies	Python, .NET Framework, C#
Databases	SQL Server, Sqlite3, MySQL
Web Presentation	HTML, CSS, Bootstrap
Development/Modeling Tools	Pycharm, Jupyter, Spyder, Android Studio
Programming Languages	C#, Python, Java
Operating Systems	Windows 7/8/10, Ubuntu

EDUCATION

- B.TECH(C.E), from **Ganpat University-Kherva,** U.V Patel College Of Engineering**, India.**

Skills

- English – Fluent.
- Creativity.
- Emotional Intelligence.
- Adaptability.

Certifications

- Programming For Everybody(Getting started with Python).
  Url-coursera.org/verify/VF4KL9LAQT5B
- Python Data Structures.
  Url-coursera.org/verify/K67FEAGRWP9C
- Using Python to Access Web Data.
  Url-coursera.org/verify/83GDCSHP6B2D
- Using Databases with Python.
  Url-coursera.org/verify/3YKVE2VSCYRH
- Capstone: Retrieving, Processing, and Visualizing Data with Python.
  Url-coursera.org/verify/VEHUBZCYNDDP

Acadamic Projects

- **Project Title :- University Management System.**

Platform Used :- Visual Studio .Net, C# and MYSQL as database.
Contribution :- Analysis and Coding.
Description :- This project was about the reduction of complexity of the student management, updating records in the database and retrieving the database.

- **Project Title :- Railway Management System.**
  Platform Used :- Python and Sqlite3 as Database.
  Contribution :- Analysis and Coding.
  Description :- This was a GUI based application that focuses on ticket booking.
- **Project Title :- Android Quiz App.**
  Platform Used :- Android Studio (Java).
  Contribution :- Analysis and Coding.
  Description :- QuizApp is an android based application, and enables the user to undertake a series of questions on Java language. The app is user friendly, and the user shall find it extremely easy to answer the multiple-choice questions. At the end of the quiz, a result-report is generated which states the score. The app also presents an option to the current user to play the question-round again or quit in between.
- **Project Title :- Image Super Resolution Using Autoencoders in Keras.**
  Platform Used :- Python, Jupyter and Keras.
  Contribution :- Analysis and Coding.
  Description :- In this project with the help of Keras with Tensorflow as its backend to train your own autoencoder, and use this deep learning powered autoencoder to significantly enhance the quality of images. That is, our neural network will create high-resolution images from low-res source images.
- **Project Title :- Facial Expression Recognition with Keras**
  Platform Used :- Python, Jupyter and Keras.
  Contribution :- Analysis and Coding.
  Description :- In this project, I have build and train a convolutional neural network (CNN) in Keras from scratch to recognize facial expressions. The data consists of 48x48 pixel grayscale images of faces. The objective is to classify each face based on the emotion shown in the facial expression into one of seven categories (0=Angry, 1=Disgust, 2=Fear, 3=Happy, 4=Sad, 5=Surprise, 6=Neutral). You will use OpenCV to automatically detect faces in images and draw bounding boxes around them. Once you have trained, saved, and exported the CNN, you will directly serve the trained model to a web interface and perform real-time facial expression recognition on video and image data.