

A G SHASHANK

Master of Computer Application

☎ 7337834100

📍 Bengaluru, India

✉ shashankbhat56@gmail.com

🌐 github.com/ShashankAG25

🌐 linkedin.com/in/a-g-shashank/

EDUCATION

- 2019 - **Master of computer applications**
2022 **DoS in Computer science, University of Mysore**
CGPA : **8.9**
- 2016 - **B.Sc computer science**
2019 **Udaya College of Arts and science, Kanyakumari**
CGPA : **8.39**
- 2014 - **Pre-University Course**
2016 **MPE's SDMPU college, Honavar, karnataka**
Percentage : **61.3**

SKILLS

- Languages:** C++, Java, Python.
- Machine learning:** Image Processing, OpenCV, Pandas, Deep learning.
- Technologies:** Android SDK, FireBase, Github.
- Database:** SQL, DBMS
- Operating systems:** Linux, Windows.

PROJECTS

- Image processing **Signature Segmentation from document images** [github.com link](#)
- Developed a project focused on signature detection and segmentation from scanned document images.
 - Leveraged the SPODS dataset for training and testing the proposed method, achieved **83% accuracy**.
 - Utilized technologies such as the **ResNet50** model, **OpenCV**, **TensorFlow**, and **Keras libraries**.
 - Implemented post-processing techniques employing **morphological operations** to effectively eliminate unwanted information from images.
 - **Comparative analysis** of ResNet50, ResNet101, ResNet152v2 and YoloV5s are done.
- Object Recognition **Logo Recognition** [github.com link](#)
- Implemented a machine learning approach to recognize brand logos in input images from real time webcam images.
 - Trained a **KNeighborsClassifier** model on custom dataset containing various brand logos.
 - Employed technologies like **OpenCV**, **scikit-learn**, and **scikit-image libraries**.
- Object Recognition **Face Recognition** [github.com link](#)
- Developed a real-time webcam video program that recognizes celebrity faces.
 - Trained an **LBPHFaceRecognizer algorithm**-based model using dataset created from face images.
 - Used **numpy**, **OpenCV** and **CascadeClassifier**.
- Feature matching **Resume matcher** [github.com link](#)
- Matching resumes with job description using **CountVectorizer**.
 - Extracted features from resume using **PyPDF2** and **pdfplumber**.
- Data extraction **Noun Extraction** [github.com link](#)
- Created a solution for extracting nouns from the sklearn datasets fetch_20newsgroups.
 - Utilized **NLTK** and **pymongo** for storing the extracted nouns in MongoDB.
- Android **Android app for billing – MotoClub** [github.com link](#)
- Designed and developed an Android app for generating invoices for vehicle repairs.
 - Implemented **Firestore authentication** for user login.
 - Designed **Firestore Realtime Database** for storing and retrieving user data.

ACHIEVEMENT

- **Best Paper Award** at the International Conference on Recent Research Advancements in Computational Science (ICRRACS-2023) for the co-authored paper titled **Signature Detection and Extraction from Scanned Documents**, held at Loyola College, Chennai.

CERTIFICATIONS

- C ++ Tutorial by John Purcell (Udemy), 2023
- Java Tutorial by John Purcell (Udemy), 2019
- ASP.NET: Create News Website by Dhoyazan Adbo Othman (Udemy), 2018

INTERESTS

Motorcycles , Travelling, Fitness, Cricket