Faria Sanaa Mohammed

+971 589843473| fariasana100@gmail.com | linkedin.com/in/faria-sana-50967a245 | https://github.com/faria100

SUMMARY

Seeking a challenging opportunity within a growing organization where I can make significant contributions to team success and engage in ongoing professional development.

TECHNICAL SKILLS

Programming Languages: Javascript, React, HTML, CSS, Tailwind CSS, redux, NextJS, SQL,bootstrap ,Python, JSON ,XML

Data Science & Machine Learning: Pandas, Numpy,TensorFlow, PyTorch, Keras , Deeplearning , Data Visualisation

Libraries & Tools: Mysql , Git/Github , VS Code , Tableu , Power BI

Operating Systems: Linux , Windows

Soft Skills: Communication , Problem-solving ,Teamwork , Time Management , Adaptability

EXPERIENCE

CodeClause:

Web Development intern   *remote*
- Developed various web applications using HTML CSS , Javascript and React.
- Worked on various projects including front-end development and integrating APIs

PROJECTS

Image Colorization using Deep Learning: Aug 2022 – Jun 2023
Deep Learning Project   *Python, TensorFlow, numpy*
- Developed a CNN-based system that automatically colorizes black and white photographic images.
- implemented pre-trained UNET(encoder-decoder architecture) model for image colorization.
- For encoder used a pre-trained resnet18 model.FastAI automatically create decoder part based on encoder part.
- Achieved state-of-the-art performance on the MIRFLICKR25k dataset

Image Captioning System   Nov 2021 –Apr 2022
Deep Learning Project   *Python, TensorFlow, OpenCV*
- Developed an end-to-end system for generating descriptive captions for images
- Utilized CNN and LSTM models for image feature extraction and caption generation
- Achieved state-of-the-art performance on the COCO dataset

Alzheimer Patient Monitoring device using IoT   2019 – 2020
Internet of Things   *C++, Arduino, Arduino-microcontroller*
- designed a system to monitor and record patients heart rate.
- Arduino integrated development environment (IDE) and Arduino Uno microcontroller board modelled on the ESP8266 microchip.
- Deployed the API on a cloud platform for easy integration

EDUCATION

Stanley college of Engineering and Technology for women   Hyderabad, India
MTech in Computer Science Engineering   *2021 – 2023*

Stanley college of Engineering and Technology for women   Hyderabad, India
BE. in Information Technology   *2016 – 2020*

CERTIFICATIONS

- React certification training- Udemy
- Responsive Web Design Certification by freecodecamp
- Introduction to data Analytics
- Deep learning: various CNN Architectures

DECLARATION

- I hereby declare that the details mentioned above are true to my knowledge and belief and free from error.