To Whom it Concern

This is to certify that **Zohaib Khalid** has successfully completed his internship at **Qult Technologies** from **June 2024 to August 2024.** During the internship Zohaib was assigned to work on Generative AI related projects with a focus on **consistent image generation using diffusion models**. His key contributions include:

- **Worked with open-source image and video diffusion models** such as Stable Diffusion, OMG, DynamiCrafter etc. to enhance image consistency.

- **Reproduced existing Github repositories** and productionize custom diffusion models.

- **Optimized, and tested diffusion models** for performance improvements.

- **Developed and integrated RESTful APIs** using Fast API for seamless interaction with the models, illustrating his ability to deploy and scale machine learning solutions.

- Utilized tools like **Python, Docker, and AWS** to set up and manage scalable environments, enhancing the deployment and operational efficiency of machine learning models.

Zohaib's work during his internship was consistently impressive, and he quickly became a valuable member of the team.

We are confident that Zohaib will continue to excel in his future career and recommend him for roles in **Machine Learning** or related fields.

We wish him great success in his future endeavors

Sincerely,
Dr. Ali Ahmed
CEO
Qult Technologies
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