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Date: August 11, 2026

Subject: Letter of Appreciation for Shubhadip Nag

To Whom It May Concern,

It is with great pleasure and sincere gratitude that I write this letter to express my appreciation for **Shubhadip Nag** and the significant role he played in my academic and research journey at IIT Kharagpur.

I completed my M.Tech in Computer Science and Engineering from IIT Kharagpur, where I worked on my M.Tech thesis under the supervision of **Dr. Sourangshu Bhattacharya**. During the same period, Shubhadip was pursuing his MS by Research under the same supervisor. This academic association gave me the opportunity to work closely with him and benefit from his guidance throughout my research journey.

Shubhadip was an extremely valuable mentor to me during my M.Tech thesis. He consistently helped me navigate the challenges involved in conducting research, particularly when it came to designing experiments, analyzing results, identifying shortcomings in our approaches, and finding ways to improve the overall quality of the work. His ability to look at a research problem critically and suggest practical directions was immensely helpful throughout my thesis.

One of the areas where his mentorship had a particularly strong impact was in developing a more rigorous approach toward experimentation and research documentation. Shubhadip helped me improve my reports, organize experimental findings, interpret results more effectively, and communicate technical ideas with greater clarity. His feedback often went beyond simply identifying what was wrong; he encouraged me to understand *why* an approach was not working and how I could systematically arrive at a better solution.

His technical depth and research-oriented mindset were evident throughout our interactions. He demonstrated a strong understanding of machine learning and artificial intelligence concepts and, more importantly, an ability to translate theoretical understanding into practical experimentation. Working alongside him gave me valuable exposure to the discipline and thought process required for meaningful research.

I am currently working as a **Data Scientist at YAL**, where I work as part of an **NLP research team on AI and Natural Language Processing problems**. As I continue to work in research-oriented AI, I recognize how valuable the habits of rigorous experimentation, critical analysis, and structured problem-solving that I developed during my M.Tech have been.

Shubhadip's mentorship played an important role in developing these qualities during that period.

Beyond his technical capabilities, what I value most about Shubhadip is his willingness to help others grow. He was approachable, patient, and genuinely invested in helping me improve my work. His mentorship created an environment where I could openly discuss ideas, learn from mistakes, experiment with different approaches, and continuously improve.

Shubhadip is a technically strong researcher, a thoughtful mentor, and an exceptionally supportive individual. I am sincerely grateful for the guidance and support he provided during one of the most important stages of my academic career. I would highly recommend him to any research group, academic institution, or organization looking for someone with strong technical expertise, research aptitude, and a genuine commitment to helping others succeed.

I offer my highest appreciation and endorsement for **Shubhadip Nag** and wish him continued success in his research and professional journey.

Sincerely,

Biswarup Saha
Data Scientist, YAL