



MAX PLANCK INSTITUTE
FOR SOFTWARE SYSTEMS

Dr. Soumi Das
Postdoctoral researcher, MPI-SWS

E-Mail: soumidas@mpi-sws.org
Internet: <http://www.mpi-sws.org>
Saarbrücken, Germany

To Whom It May Concern,

Subject: Letter of Recommendation for Shubhadip Nag

It is my great pleasure to recommend Shubhadip Nag for the doctoral studies at your institution. I have had the opportunity to collaborate closely with Shubhadip, beginning during my doctoral studies at the Indian Institute of Technology Kharagpur (IIT Kharagpur) and continuing thereafter. Over this period, I have come to know him as an exceptionally enthusiastic, diligent, and highly motivated individual with a genuine passion for machine learning and data science.

During our collaboration, Shubhadip worked on several challenging problems in machine learning, demonstrating both technical competence and intellectual curiosity. As he progressed through his Master of Science (Research) program at IIT Kharagpur, his ability to think critically about research problems matured significantly. He developed a strong capacity to analyse the limitations of existing work, question underlying assumptions, and articulate meaningful insights for improvement. He also maintained strong academic performance in his coursework, earning high grades and undertaking innovative course projects. Importantly, he is highly receptive to feedback and constructive criticism, consistently using it as an opportunity for growth.

A particularly memorable demonstration of his abilities came at the Datathon at IndoML 2025, where Shubhadip competed as a single-member team against more than 100 participants and secured a top-2 finish. The problem involved evaluating LLM-powered AI tutors, a nuanced and open-ended challenge. His approach was characteristically thoughtful and systematic: he carefully analysed error patterns, identified limitations in existing evaluation methods, and proposed meaningful improvements toward a robust solution. This result, achieved independently and under competitive pressure, speaks volumes about both his technical depth and his composure as a problem-solver.

Beyond academia, Shubhadip has translated his research abilities into exceptional professional performance. He joined Walmart Global Tech, India as an R&D intern and delivered results of such quality that he received a full-time offer upon the conclusion of his internship. He accepted the role and, in a remarkably short span

Max Planck Institute for Software Systems

of time, was promoted to Data Scientist III, a proof of both his technical capabilities and the impact he has made within the organisation. It is rare to see someone transition from internship to an accelerated promotion so swiftly.

Shubhadip also possesses notable mentoring and communication skills. He has conducted tutorials and hands-on sessions that were well-received by participants, reflecting both his clarity of thought and his collaborative mindset. His ability to engage constructively with peers and colleagues makes him a valued contributor to any team or program he is a part of.

In summary, Shubhadip Nag brings in the essence of a rigorous researcher, high-performing professional, and generous collaborator. Whether in an academic, research, or industry context, he brings the same level of dedication, intellectual maturity, and drive for excellence. I recommend him without reservation and am confident he will make a meaningful contribution wherever he directs his efforts.

Yours sincerely,

Soumi Das

Dr. Soumi Das
Max Planck Institute for Software Systems, Germany
<https://soumidas.github.io/>