

CERTIFICATE

OF INTERNSHIP

THIS IS TO CERTIFY THAT

Hrishiraj Mandal

has completed the internship from 1/6/2025 to 6/20/2025 under the
A*STAR Research Internship Award (ARIA).



Ms Tay Chay Wah
Executive Director, A*STAR Graduate Academy

To Whom It May Concern,

It has been a privilege to supervise Hrishiraj Mandal during his seven-month attachment as a Research Intern with the Advanced Remanufacturing and Technology Centre (ARTC), Agency for Science, Technology and Research (A*STAR). Hrishiraj has consistently distinguished himself as a highly capable, driven, and resourceful individual who not only delivers outstanding results but also elevates the projects and teams with which he works.

I have been particularly impressed by Hrishiraj's agility and eagerness to expand his expertise. When tasked with researching areas beyond his formal academic background, such as enterprise resource planning systems within supply-chain processes, he quickly grasped complex concepts, distilled large volumes of material, and delivered actionable insights that informed our work. His ability to bridge technical knowledge with operational perspectives made him a valuable contributor across multidisciplinary initiatives.

Hrishiraj also demonstrated remarkable initiative and business acumen. He developed an automation tool that streamlined the setup process for client-facing operations, showcasing not only strong technical proficiency but also a forward-thinking approach to improving efficiency and delivering tangible value to the organization.

He approaches challenges with a solutions-oriented mindset. His standout contribution was leading the development of a black-box explainability library. He communicated progress clearly and confidently to both teammates and senior stakeholders, while ensuring that the final deliverables met the highest standards of usability.

With his professionalism, strong work ethic, and collaborative spirit, Hrishiraj has proven himself to be an exceptional talent. I am confident he will excel in any future role, and I give him my strongest recommendation for any organization seeking a results-driven contributor and forward-thinking leader.

Sincerely Yours,

LIU Ning (Dr.)



Deputy Group Manager, Digital Supply Chain Group

Sustainability & Resilient Value Chain Division,

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