



NNM LABZ PVT. LTD.

CIN - U72900KA2022PTC169306

Electronic City Ph 1, Bangalore, KN 560100

Date: 6 Feb 2024

To Whom It May Concern

This is to certify that Saumyadip Bandyopadhyay, a student of the Indian Institute of Engineering Science and Technology (IIST), Shibpur, currently in his final year of pursuing a BTech in Mechanical Engineering, has completed a professional student internship for nnm labz. Saumyadip's internship was for two months starting 28 June 2023. This was a paid, part-time engagement where Saumyadip worked as a *student contributor* for digital games and tools being developed by nnm labz.

During his tenure, Saumyadip contributed to an ongoing project on Procedural Content Generation using Machine Learning (PCGML) and explored the suitability of using modern Machine Learning and related techniques for game-level generation for a side-scrolling platformer game. As part of this project, Saumyadip explored ongoing research on this field, shortlisted a few relevant and applicable techniques, performed a feasibility study for implementation using target technology, and implemented early prototype versions using Python.

Headquartered in Bangalore, nnm labz is an independent development studio creating ambitious digital games and cutting-edge creative tools for current and next-gen interactive platforms.

On behalf of nnm labz, we wish Saumyadip the very best in all his future endeavors.

For NNM LABZ PVT LTD

Aniruddha Chatteraj

Director

For NNM LABZ PVT. LTD.

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