

PREFACE

All praise to Allah Almighty for His blessings in maintaining the health and guiding the mind of the author to finish the thesis titled **”Generalizable Deep Learning Models for Intrusion Detection System Utilizing the TabNet Architecture Built on Impact-Based and Lifecycle-Based Datasets”**. This thesis is presented to fulfill one of the multiple requirements in completing the Master of Electrical Engineering study at Telkom University.

With all realization, the author has considered that this thesis is far from perfect, all manner of suggestions and criticism regarding the thesis are welcomed with open hand in order to push forward for the greater good of development in the upcoming future.

Showers of gratitude also shared by the authors to their family, supervisors, lecturers, and friends who directly and indirectly contributed to the author’s motivation, well being, and assistance. May this research provide the readers useful informations that can assists anyone throughout the world.

Bandung, August 12, 2025

A handwritten signature in black ink, appearing to read 'Aldira', with a long horizontal stroke extending to the right.

Aldira Fadillah Lazuardi