**ABSTRACT**

The Employee Payroll and Financial Management System is a comprehensive software application developed to manage and automate key aspects of human resource and financial operations within an organization. This internship report presents a comprehensive overview of my experience and learnings during my tenure as a Full Stack Java Intern at GreenSoft Groups. Throughout the duration of the internship, I was engaged in the complete software development lifecycle, from understanding requirements and designing modules to implementing code and conducting testing. This system is designed as part of an internship project with the objective of improving the efficiency, accuracy, and transparency of employee data management, payroll processing, tax calculation, and financial reporting. I primarily worked with Java for application logic development, which allowed me to strengthen my object oriented programming skills and apply core and advanced Java concepts in real world scenarios. For database-related operations, I used SQL to design, manage, and query relational databases effectively. I also wrote and executed unit tests using JUnit, which helped ensure code reliability and maintainability by allowing me to test individual components in isolation. All development work was carried out using the Eclipse IDE, which streamlined the coding, debugging, and project management processes. It then elaborates on the methodologies adopted, the technologies used, and the key contributions made during the internship period. The projects I worked on involved implementing backend logic, managing database interactions, writing test cases, and resolving bugs and performance issues. These tasks not only enhanced my technical abilities but also improved my problem-solving, teamwork, and time management skills.