

Gen AI Internship Assignment Report

Introduction

This report presents the implementation of a Gen AI internship assignment consisting of three tasks. Each task focuses on applying AI-assisted automation to solve real-world problems.

Task 1: AI Video Generation Tool

An AI-assisted tool was developed to generate short news videos automatically.

The system scrapes trending news, generates a script, extracts topic-based images, and creates a 30–60 second video with text overlays.

Task 2: AI-Based SEO Blog Creation Tool

This task involved building an automated SEO blog generator.

The tool scrapes trending products, generates SEO keywords, and produces a 150–200 word blog post ready for publishing.

Task 3: High-Level to Low-Level Architecture Tool

An automation tool was created to convert high-level business requirements into low-level technical specifications.

The tool outputs modules, APIs, database schema, and pseudocode, simplifying early-stage system design.

Conclusion

All tasks were successfully completed with a focus on feasibility, clarity, and practical application of AI techniques.