

## Employee Work Summary Sheet

**Name:** kajal Ishwar Khatri

**Employee ID:** \_\_\_\_\_

**Department:** \_\_\_\_\_

**Designation:** \_\_\_\_\_

**Reporting Manager:** \_\_\_\_\_

Period (From–To)	Task/Project Name	Description of Work Done	Duration Spent (Days)	Outcome/Deliverab le	Skills Developed
Week 1	Study about the langchain,langgraph  Article generation task	<p>Built article generation platform using Django (backend), React + Vite (frontend), LangGraph, RESTful APIs, Celery, Redis.</p> <p>Dockerized the application for deployment.</p> <p>Implemented URL-based scraping to generate articles dynamically.</p>	4-7	<p>Working article generation system deployed in a containerized environment.</p> <p>Hosted on putty</p> <p>Understand the langchain and langgraph</p>	Full-stack development, containerization, async processing, API design, data scraping.
Week 2	Bond Project – Research & Understanding	<p>Researched multiple bond-related websites to understand historical bond data.</p> <p>Analyzed OTC traded, secondary, and primary bond market structures.</p>	3-4	Knowledge base of bond data sources and structured plan for data extraction.	Financial domain research, data analysis, requirement gathering.
Week 3	Bond Data Scraping (BSE & Windwealth)	Developed scrapers for <b>BSE</b> (OTC traded, secondary, primary bond data).	8-9	Automated bond data scrapers with structured storage in	Advanced web scraping, MongoDB setup, Python

	Changes in article generation	<p>Created scrapers for <b>Wintwealth</b> (unlisted bond data).</p> <p>Stored extracted data in <b>MongoDB</b> for scalable usage.</p> <p>Used <b>Playwright &amp; Python scraping libraries</b>.</p>		MongoDB.	automation, data pipelines.
Week 4	DAG Creation &	Created Airflow DAGs for scraper automation.	2-3	Automated bond data scraping pipeline	Workflow orchestration (Airflow)
Week 4	Server Deployment(DAG)	<p>Uploaded and tested DAGs on server for scheduled scraping jobs.</p> <p>Integrated MongoDB with scrapers for real-time updates.</p>	1-2	Automated bond data scraping pipeline running on server.	server deployment

### Work History Log

**Employee Signature:**

**Date:** 12/9/2025

**Manager Review & Remarks:**

**Manager Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_