

## Employee Work Summary Sheet

Name: kajal khatri

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

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

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

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

Period From –To	Task/Project Name	Description of Work Done	Duration Spent (Days)	Outcome/Deliverable	Skills Developed
Week 1	Bond Platform Core Setup & Architecture	Successfully set up the Bond Trading Platform foundation using Django/DRF, integrating core configuration, security middleware, exception handling, and Celery. Created base database schema and tables	4-5	Enterprise Platform Framework complete (Phase 1 foundation). Aligned models/audit fields with security standards.	Django/DRF Frameworking, Security, PostgreSQL

Week 2 & 3	Advanced Data Transformation & Unification	Led data engineering for production-ready master table (deduplication, normalization, field mapping for raw collections). Completed transformation scripts, folder structure, and validation of historical bond data.	8-10	High-quality master table with validated, integrated data. Duplication/normalization issues solved.	Data Engineering, Cleansing, Deduplication, PostgreSQL Optimization
Week 3 & 4 (Part)	Airflow Pipeline Automation & Scraper Dev	Developed/deployed Airflow DAGs for data scraping and transformation; scrapers for BondsIndia and Wintwealth (ISIN + unlisted bonds). Solved DAG and data insertion issues, ensuring integrity.	4-5	Fully automated Scraping & Transformation DAGs deployed. Scraper bugs & orchestration issues solved.	Airflow Orchestration, Web Scraping, Pipeline Debugging, Integrity
Week 4 (Part)	Issuer Flow Analysis & Core API Design	Analyzed Issuer workflow & UI (Figma), defined schema and initial APIs, aligned API with Figma. Documented API structure, RBI guidelines, trustee features. Researched APIs/websites for missing fields.	3-4	Defined Issuer Flow schema. APIs started & validated. API, documentation completed.	API Design, Requirements Engineering, DB Schema, Writing, Research

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## Second Month

Period From -To	Task/Project Name	Description of Work Done	Duration Spent (Days)	Outcome/Deliverable	Skills Developed
Week 1	Bond Platform Core Setup & Architecture	Successfully set up the Bond Trading Platform foundation using Django/DRF, integrating core configuration, security middleware, exception handling, and Celery. Created base database schema and tables	4-5	Enterprise Platform Framework complete (Phase 1 foundation). Aligned models/audit fields with security standards.	Django/DRF Frameworking, Security, PostgreSQL
Week 2 & 3	Advanced Data Transformation & Unification	Led data engineering for production-ready master table (deduplication, normalization, field mapping for raw collections). Completed transformation scripts, folder structure, and validation of historical bond data.	8-10	High-quality master table with validated, integrated data. Duplication/normalization issues solved.	Data Engineering, Cleansing, Deduplication , PostgreSQL Optimization

Week 3 & 4 (Part)	Airflow Pipeline Automation & Scraper Dev	Developed/deployed Airflow DAGs for data scraping and transformation; scrapers for BondsIndia and Wintwealth (ISIN + unlisted bonds). Solved DAG and data insertion issues, ensuring integrity.	4-5	Fully automated Scraping & Transformation DAGs deployed. Scraper bugs & orchestration issues solved.	Airflow Orchestration , Web Scraping, Pipeline Debugging, Integrity
Week 4 (Part)	Issuer Flow Analysis & Core API Design	Analyzed Issuer workflow & UI (Figma), defined schema and initial APIs, aligned API with Figma. Documented API structure, RBI guidelines, trustee features. Researched APIs/websites for missing fields.	3-4	Defined Issuer Flow schema. APIs started & validated. API, documentation completed.	API Design, Requirements Engineering, DB Schema, Writing, Research