**Boomi Migration & AI Integration Project Summary**

**Client: ACCO**

**Prepared By:** Akshay  
**Timeline:** 2024 – Present  
**Status:** Active

**1. Project Overview**

This multi-phase Boomi integration and AI enhancement project focused on replacing legacy Talend jobs, building robust error handling systems, integrating third-party tools like Zendesk, and developing AI solutions for chatbot and data processing. The work spans multiple domains including HCM, JDE, FSM, IFS, and Healthcare.

**2. Key Contributions & Responsibilities**

* **Boomi Integrations**: Complete ownership of design, development, testing, and deployment of Phase 1 to Phase 3 jobs. Currently working on Phase 4 & Phase 5.
* **Error Handling System**: Developed reusable custom shapes for logging and monitoring. Integrated with Grafana.
* **Zendesk App Development**:
  + Worked on **Zendesk custom app** for **Collective Health** project (Dec 2024 – Jan 2025)
  + Delivered working **codebase and documentation**
* **AI Chatbot**:
  + PoC and demo completed between **Jan – Mar 2025**
  + Full implementation began **May 2025** for the **RGT website** using **Java**
* **834 Data Generation**:
  + Built PoC for **834 EDI format** using AI for **Collective Health project** in **Feb 2025**
* **Healthcare Internal App**:
  + Started UI/UX and backend integration for **Healthcare Application** from **May 2025 to present**
* **Team Leadership**:
  + Took charge of the team from **Feb 2025 onward**
  + Delivered structured **training from Feb – May 2025** in **Boomi** and **Java**
  + Trained team members: Neetu, Abhijit, Vijay (Boomi), Ruchi, Gautam, Ramababu (Java)
* **Client Collaboration**:
  + Participated in client meetings, led daily standups
  + Assisted in demos, production issues, job enhancements (e.g., Rhumbix, Boomi AI extensions)

**3. Monthly Work Timeline**

**2024**

**Jan – Mar (Months 1–3)**

* Boomi requirement gathering and presentations
* Migration approach and technology finalized
* Talend setup and ACCO security onboarding
* Completed Boomi Corporate Training

**Apr – Jun (Months 4–6)**

* Completed Boomi Certification
* Talend job analysis and documentation
* Boomi Phase 1 job development started
* Rhumbix job and custom logging shape developed
* Signed SOW

**Jul – Sep (Months 7–9)**

* Finalized and delivered **Phase 1 jobs**
* Started **Phase 2 job development**
* Created detailed documentation for **Phase 2**
* Initiated **Phase 3 design**

**Oct – Dec (Months 10–12)**

* Completed Phase 2 testing and deployment to production
* Delivered **Phase 2 documentation** (requirements, flow diagrams, test cases, SOPs)
* Continued documenting **Phase 3 jobs**
* **Zendesk App** – Code + Docs for **Collective Health** project developed (Dec 2024)

**2025**

**Jan – Mar (Months 13–15)**

* Completed Zendesk App documentation and deployment (Jan)
* Delivered **Java AI Chatbot PoC and demo**
* Developed key HCM/JDE integration jobs
* Delivered **834 EDI AI-based PoC** for **Collective Health** (Feb)
* Started team leadership and initial training

**Apr – Jun (Months 16–18)**

* Completed Java and Boomi training cycles
* Started **AI Chatbot implementation (May)** for **RGT website**
* Initiated **Healthcare Internal App** development (May)
* Ongoing support for Boomi Phases 1–3

**Jul – Present**

* Continued work on **Healthcare App**
* Leading **Phase 4** development and testing
* Supporting documentation and production support
* Overseeing development and team coordination

**4. Phase-wise Job Summary**

**Phase 1: Datalake Migration Jobs (Completed)**

* FSM\_TO\_S3\_\* jobs including PERSON, PLACE, PRODUCT, TASK, PART

**Phase 2: Core Integration Jobs (Completed)**

**Documentation Delivered (Month 8–12):**

* Requirement specs
* Technical design docs
* High-level diagrams
* Test cases & SOPs

Jobs Included:

* BOX\_TO\_SABA, JDE\_TO\_CONCUR, HCM\_TO\_BLUERIDGE, FIDELITY, HANDLE, MEDIUS, etc.

**Phase 3: Advanced System Integrations (Completed)**

* Wells Fargo ACH/AP/POSITIVE\_PAY
* FSM\_TO\_PCARD\_\* series
* HCM\_TO\_Hire\_Right
* AXH\_Emp\_Data\_Load

**Phase 4: DB-Dependent & Complex Integrations (Completed)**

* FSM/JDE INSERTs, Data\_Reconcilation\_Report, HCM\_TO\_CONCUR
* Jira# BOOMI-122, BOOMI-124 included
* Documentation in progress

**Phase 5: HCM API-Based Integrations (In Progress)**

* HCM\_API\_\* and HCM\_TO\_JDE\_\* Extracts
* PREPARIS upload, ODPM export

**5. Deliverables Summary**

| **Deliverable** | **Status** |
| --- | --- |
| Requirements & Design Docs (All Phases) | ✅ Delivered |
| PoCs (Chatbot, Zendesk, 834 AI) | ✅ Completed |
| Java Chatbot Implementation | 🔄 Ongoing |
| Zendesk App (Code + Docs) | ✅ Delivered |
| Team Training (Boomi, Java) | ✅ Completed |
| Healthcare Internal Project | 🔄 Ongoing |
| Production Support | ✅ Ongoing |

**6. Tools & Technologies**

* **Boomi**, **Talend** (legacy)
* **Java**, **Spring Boot** (AI Chatbot)
* **Grafana** (Monitoring)
* **Zendesk Custom Apps**
* **SQL Server**, **IFS**, **HCM**, **JDE**
* **Jira**, **Confluence**, **Bitbucket**

**7. Current Focus and Next Steps**

* Complete Phase 4 job development & testing
* Continue Java chatbot rollout (RGT AI Assistant)
* Progress Healthcare app (screens, logic, APIs)
* Provide ongoing production support
* Begin requirements gathering for Phase 5