

# **Delivering Customized Microservices and Application Development Training for Financial Transaction Monitoring**

## **Challenge:**

A government organization responsible for financial transaction monitoring had an existing solution provided by an external vendor. Their goal was to gain sufficient expertise to independently design, develop, and deploy their own customized solution. Specifically, the client required comprehensive training to understand microservices implementation and vendor product functionalities, despite initially possessing only basic Java development skills.

## **Solution:**

To address the client's unique requirements, we developed a fully customized training program comprising 200 hours of intensive instruction. The training was carefully designed to elevate the client's foundational Java skills to advanced expertise in microservices architecture and implementation.

Key components of our customized solution included:

### **1. Comprehensive Curriculum Development:**

- a. Structured coursework covering Linux administration, Java programming, Spring Boot framework, microservices design and deployment, and version control systems using Git/GitHub.
- b. Tailored to bridge the client's knowledge gaps and empower them to build and deploy their own robust microservices-based solutions.

### **2. Hands-on Practical Approach:**

- a. Extensive practical exercises, projects, and real-world implementation scenarios to ensure participants could apply their skills directly to their organizational needs.

### **3. Onsite Instructor-Led Training (ILT):**

- a. Conducted interactive and engaging classroom sessions onsite in London, allowing direct trainer-participant interaction and immediate feedback.

### **Collaboration & Execution:**

- **Courses Delivered:**
  - Customized Backend and Frontend Application Development
  - Java, Spring Boot, Microservices Design and Implementation
- **Training Format & Schedule:**
  - Batch 1: 5-week Instructor-Led Training (ILT) in London (Microservices & Backend)
  - Batch 2: 5-week Instructor-Led Training (ILT) in London (Frontend Application Development)
  - Batch 3: 2-week Instructor-Led Training (ILT) in London (Backend Application Development)
- **Tools & Platforms Used:**
  - Linux
  - Git and GitHub
  - Java
  - Spring Boot
  - Microservices architecture and design methodologies

### **Results:**

- **Participants Trained:**
  - Initially trained one participant, leading to two additional team members enrolling subsequently due to excellent training delivery and immediate business value.
- **Key Outcomes & Impact:**
  - Participants acquired deep insights into the vendor's existing solution, significantly accelerating their internal capability development.
  - The client gained comprehensive practical knowledge, enabling them to independently design, implement, and deploy their own financial monitoring microservices-based solutions.

- The successful training led to an expansion of internal development competencies, greatly enhancing their organizational self-sufficiency and operational control.