Job Context

We are looking for an **experienced Java Spring Boot developer with deep POS domain expertise** to lead the development of our next-generation POS platform.

Job Responsibilities

- Architect, design, and develop high-performance, scalable **POS backend systems** using Java, Spring Boot .
- Lead the development of **core POS modules**: transaction processing, inventory management, offline sync, payment integration, and reporting.
- Design APIs for **POS hardware integration** (thermal printers, barcode scanners, cash drawers, customer displays, etc.).
- Implement **payment gateway integrations** (local & international) with a strong understanding of PCI-DSS compliance.
- Ensure system reliability, scalability, and performance for **high-concurrency transaction environments**.
- Mentor junior developers, conduct code reviews, and establish best practices.
- Collaborate with cross-functional teams (frontend, QA, DevOps, product) in an Agile/Scrum environment.
- Investigate and resolve complex production issues related to POS operations.

Educational Requirements

- BSc/MSc in Computer Science & Engineering (CSE), Software Engineering, or related field from a reputed university.

Experience Requirements

- **Age at least 28**
- **At least 5 years** of professional experience in **Java development**, with **3+ years specifically in POS/retail/e-commerce system development**.
- **Must have hands-on experience in building Point of Sale (POS) software**.
- Experience in **restaurant POS, retail POS, or hotel management systems** will be given high priority.

Technical Competencies

Mandatory Skills:

- **Backend:** Java 11+, Spring Boot, Spring Cloud, Spring Security, Hibernate/JPA, REST APIs, Microservices
- **POS Domain:** Offline data sync, inventory management, order processing, payment integration, hardware interfacing
- **Database:** PostgreSQL/MySQL, Redis, query optimization
- **Tools:** Git, Maven, Docker, Jenkins, Linux

Preferred Skills:

- Knowledge of **PCI-DSS standards** and **payment systems** (bKash, Nagad, SSLCOMMERZ, Stripe, PayPal integration)
- Experience with **cloud platforms** (AWS/Azure) and Kubernetes
- Frontend awareness (React, Angular, or POS terminal technologies like Electron)
- Familiarity with **EMV card standards** and **POS hardware protocols** (ESCPOS, OPOS)

Soft Skills

- Strong analytical and problem-solving skills.
- Leadership ability and team mentoring experience.
- Excellent communication skills in **both Bengali and English**.
- Ability to work under pressure and handle live system issues.