MOHD. AAKIF SHAMSI

Software Engineer (Java/Spring Boot) - Retail Systems (Xstore/Payments/Integrations) | AI Enthusiast | POC Expert

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SUMMARY

Hands-on Java/Spring Boot engineer in Xstore ecosystems: REST services, file/PSP integrations, Oracle SQL tuning, structured logging and observability (Splunk/Datadog). Built Playwright (Electron) UI automation for Xstore v25 (1-click startup validation + auto-login, HTML reports/screenshots). Implemented Entra ID SSO POCs (dev tenant → enterprise AD). Comfortable refactoring large codebases, writing unit tests (JUnit/Mockito), and improving performance and reliability.

TECHNICAL SKILLS

Java 8/11; Spring Boot; REST APIs; JSON; JDBC; SQL/PLSQL (Oracle); Maven; Git; Linux; Windows; WebLogic; Tomcat; JUnit; Mockito; Log4j; Splunk; Datadog; SSL/TLS; Certificates; Azure AD / Entra ID SSO; AWS Transfer Family; S3; Postman; Shell scripting; Playwright (Electron).

RELEVANT EXPERIENCE

Technology Lead / Solutions Engineer — Infosys (lululemon) | May 2023 - Feb 2026

- Delivered market overlays (e.g., Mexico) with localization, regulatory changes, and integrations to unblock rollouts.

- Implemented New Desktop (Electron) features: JPOS–Electron scanner bridge (USB keyboard mode → socket → Java server firing JPOS events) with hidden debug overlay; virtual keyboard with locales (en-US, fr_CA, es-MX, pt-BR, de_DE, extensible); embedded Chromium report viewer (content-type gated, draggable/resizable) with decorative secure option for [x] close; assistive floating ball and keyboard shortcuts.

- Built a Playwright automation suite (Xstore v25 Electron) with 1-click startup validation and startup check + auto-login; generated HTML test reports and screenshots; used AI assistance to author and maintain tests; helped multiple teams including UX/UI customization streams.

- Implemented SSO via Azure/Microsoft Entra ID (personal dev tenant first, then enterprise AD) as POCs; extended vendor-provided RTSP to align with lululemon use-case and security constraints.

- Strengthened observability using Splunk and Datadog (dashboards, alerts); reduced noisy

signals; collaborated on PCI boundaries and SSL certificates.

Technology Lead — Infosys (Ulta Beauty) | Mar 2023 - May 2023

- Led offshore development for Xstore upgrade; resolved L3 production incidents; mentored engineers on testability and coding standards.

Technology Lead - Xstore Support — Infosys (Torrid) | May 2020 - Mar 2023

- Stabilized store operations by fixing recurring defects; improved batch reliability; created monitoring and reconciliation utilities.

Xstore Developer — EY / Shoppers' Stop Limited | India | Jan 2017 - Oct 2017

- Built data synchronization for upstream incompatibilities; integrated PSP via EFTLink; installed and managed Test/Stage/Prod environments.

Xstore SME — EY (Client: Al Musbah Group) | Saudi Arabia | Sep 2016 - Jan 2017

- Captured processes/requirements across Xstore, SIM, RMS; strengthened offline flows for high-footfall, intermittent connectivity stores.

Xstore Developer — Arvind Limited – Creyate | India | May 2016 - Sep 2016

- Near-vanilla rollout primarily via configuration; later supported advanced customizations for multi-brand operations.

Digital Solutions Engineer / ORPOS SME — Lifestyle International; Shoppers' Stop | India | 2015 – 2016

- Android mPOS (self-checkout) integrating ORPOS, OMS/WMS, Google Maps; wireless peripherals (Zebra).

- iOS mPOS (Apache Cordova) with native plugins for peripherals; tender options, CRM/loyalty, and UX improvements.

POS Developer & Support — Infodart (Max Hypermarkets/SPAR; Aditya Birla – Madura) | India | Jul 2013 – Mar 2015

- Production support, customizations, SIT/UAT, and rollout across large retail estates; automated daily monitoring/reporting.

PROJECT HIGHLIGHTS

- Payments: EFTLink integrations with Adyen/Aurus/FiPay/Verifone; tenders (gift cards via QwikCilver/Givex; Capillary CRM tender); Klarna; PayPal.

- HR/Tax: Workday & SailPoint integrations; Vertex & Avalara; Oracle EBS downstream.

- Peripherals: Verifone M440; Zebra/Bixolon printers (Wi-Fi/Bluetooth); Honeywell sleds; USB

fingerprint auth; self-checkout kiosk (Softlogic).

EDUCATION & CERTIFICATIONS

B.Tech, Computer Science & Engineering (2013). Oracle Retail Xstore 2020 – Technical & Functional Implementation Specialist; Infosys Certified Oracle Retail Xstore Technical Consultant; Intro to Cyber Security in SDLC; Data Privacy & Privacy by Design (DPO Foundation).