

ATA UR RAHMAN SHAHID

Backend Software Engineer | Java, Spring Boot, SQL

Karachi, Pakistan | ataurahman.shahid@gmail.com

linkedin.com/in/ataurahman-shahid | github.com/ataurahman-shahid | ataurahman.com

SUMMARY

Backend Software Engineer with nearly 5 years of experience building Java and Spring Boot services for a US e-commerce business, including 5 marketplace API integrations (Amazon SP-API, Walmart, Target Plus) and scheduled ETL pipelines processing ~10,000 orders per day across 8 marketplace accounts. Skilled in MySQL, BigQuery, complex SQL, and Linux production support, with disciplined AI-assisted development (Claude, Codex, ChatGPT).

SKILLS

Languages: Java (17), SQL, JavaScript, Node.js

Frameworks: Spring Boot, Spring MVC, JDBC, Thymeleaf, Puppeteer, jQuery, DataTables

Databases & Data: MySQL, Google BigQuery, Relational Database Design, Query Optimization, ETL, Data Pipelines, Data Synchronization

APIs & Integration: RESTful APIs, Amazon SP-API, Walmart Marketplace API, SellerCloud API, GoFlow API, Mirakl Roundel API (Target Plus)

Tools & DevOps: Git, Maven, Postman, Linux, PM2, Apache POI, OpenCSV

AI-Assisted Development: Claude, OpenAI Codex, ChatGPT

EXPERIENCE

Software Engineer

Nov 2021 - Present

US-Based E-commerce Company (Confidential) | Remote, Full-time | Karachi, Pakistan

- Build and maintain Java 17 / Spring Boot applications powering sales, inventory, profitability, and advertising analytics across 8 marketplace seller accounts.
- Develop and maintain 5 third-party REST API integrations (Amazon SP-API, Walmart API, SellerCloud API, GoFlow API, Mirakl Roundel API for Target Plus) with authentication, pagination, async report polling, and error handling.
- Design scheduled ETL pipelines that ingest and normalize ~10,000 orders per day plus product, financial, and advertising data into MySQL using idempotent, duplicate-safe upserts.
- Build BigQuery-to-MySQL data workflows for vendor and advertising datasets with schema mapping, deduplication, null-safe updates, and latest-record selection.
- Design relational schemas and write complex SQL (joins, CTEs, window functions, JSON functions, time-zone conversion) for operational and financial reporting.
- Develop Spring MVC and Thymeleaf reporting dashboards with filtering, pagination, charts, and Excel exports (Apache POI), saving ~20+ hours of manual reporting per month.
- Resolve data discrepancies and production incidents by tracing API responses, application logs, date boundaries, identifiers, and database transformations to root cause.
- Operate and support Linux-hosted Java and Node.js services, MySQL databases, scheduled jobs, and Puppeteer browser automation, managing processes with PM2.
- Use Claude, Codex, and ChatGPT to accelerate coding, refactoring, debugging, SQL development, and documentation, reviewing all generated code for correctness, security, and maintainability.

PROJECTS

- **Marketplace Profitability Pipeline:** Built pipeline processing order- and SKU-level revenue, refunds, fees, costs, and shipping data into MySQL profit reporting.
- **Vendor and Advertising Data Platform:** Integrated BigQuery datasets covering sales, inventory health, listings, search performance, and paid advertising analytics.
- **Internal Analytics Application:** Developed Spring Boot backend services and server-rendered dashboards for product, inventory, promotion, and profitability analysis.

EDUCATION

Bachelor of Science in Computer Science

2018 - 2022

University of Karachi | Karachi, Pakistan