# Ahmad Al-Sanie

SDE II @ Amazon | Software Engineer | Builder of Systems with Soul

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aalsanie.github.io/ahmad-dev-site

## Summary

Engineer with 8+ years of experience building resilient, backend-heavy systems across global platforms.
At Amazon, I work on scalable ML-integrated backend systems with a focus on clarity, reliability, and long-term maintainability.
I build with precision, cut bloat, and leave systems better than I found them.
Always sharpening. Always evolving.

## Core Tech

Java, Spring Boot, Python, AWS (Bedrock, Lambda, EC2), Docker, SQL (Postgres, SQL Server),
Terraform, Git, Selenium, Puppeteer, REST/GraphQL, Linux, Kafka

## Selected Work

### Amazon (2025–Present) - SDE II
- Delivered GenAI-powered internal assistant tools using Bedrock
- Built scalable feedback loops for ML systems across orgs
- Solved Bedrock migration and security issues under production pressure
- Cleaned up broken APIs and implemented high-reliability data flows

### Expedia Group (2018–2022) - Software Engineer III
- Built site resolution API (POS localization) and notification SDK (EDI)
- Refactored legacy JVM services using a custom dead code analyzer
- Released shared templates (Dropwizard/Spring Boot) across org

### Delivery Hero (2022–2023) - Software Engineer II
- Maintained and improved live microservices
- Led dev cycles across spec to deploy; TDD-first pipelines
- Mentored junior engineers and refined backend delivery culture

### POS System - Solo Build
- Full restaurant system: multi-floor layout, employee roles, Flutter frontend
- Tech: Java, Spring Boot, PostgreSQL, Flutter

### Upwork Invoice Bot - Solo Build
- Automated invoice retrieval via Spring Boot, Selenium, Puppeteer
- Cron-based orchestration, PDF processing, login automation

### ML Platform Integration Project at Amazon
- Took ML pipeline test coverage to 100%
- Mocked Bedrock API, stabilized CloudWatch metrics integration
- Refactored brittle logic to clean async pipelines in Python

### ESLFaceIT (2023) - Sr Integration Engineer (Contract)
- Automated offboarding workflows across HRIS, AD, access systems
- Integrated security and compliance pipelines for global userbase

## Additional Experience
- Atypon (2016–2017): CMS development for scholarly publishing flows (Heliyon, Elsevier)
- Ebecs / DXC (2015–2016): ERP customization and support using Microsoft Dynamics

## Education and Certifications

B.Sc. in Computer Information Systems - University of Jordan, 2015
Oracle Certified Java Programmer (OCP)
Oracle Certified Java Associate (OCA)