Sahal A. Alturaigi

Riyadh, Saudi Arabia

+966 53 384 4827 | saal4106@gmail.com | linkedin.com/in/sahlealturaigi | www.sahle-alturaigi.com

e-commerce Senior Product Manager | Digital Transformation & Security Expert

Dynamic leader with 10+ years of experience in leading complex e-commerce and healthcare technology projects, enhancing product architecture, system security, and operational efficiency. Skillfully bridges technical solutions with business objectives through meticulous project lifecycle management and stakeholder engagement. Recognized for rapid, impactful decision-making and strategic approach to innovation and digital transformation across diverse industries.

CORE COMPETENCIES

E-commerce Architecture & Development | Supplier Relationship Management | Cybersecurity & System Hardening | SQL Data Analysis & Reporting | Vendor & Stakeholder Management | Microservices & EMR Systems Development | Test-Driven Design (TDD) | Project & Lifecycle Management | Performance Optimization & Benchmarking | SKU Optimization & Statistical Modeling | Penetration Testing & Security Protocols | Digitalization & Emerging Technologies | Excellent Communication |

PROFESSIONAL EXPERIENCE

e-commerce Senior Product Manager | Badael Company (PIF) – Riyadh, SA   01/2024 – Present

- Lead development and architecture planning of e-Commerce 2.0 for DZRT.com, interfacing with stakeholders to ensure alignment with business goals and managing full lifecycle of product development from conception to deployment.
- Direct evaluation and optimization of technical solutions proposed by vendors, ensuring security measures are in place including rapid removal of bot accounts and implementation of critical security fixes.
- Deliver complex SQL queries for on-demand data analysis, enhancing decision-making processes and business intelligence capabilities from DZRT e-commerce databases.
- Receive company-wide recognition and standing ovation for swift, decisive actions that mitigated risks during critical cybersecurity incidents within first week of tenure.
- Spearhead vendor negotiations and assessments, challenging and refining proposed technical solutions to align with strategic objectives and long-term e-commerce infrastructure requirements.
- Oversee custom development and confidentiality of new e-commerce solution prior to its release, ensuring project delivery meets innovative and competitive standards.

Senior Backend Engineer | Cloud Solutions – Riyadh, SA   08/2020 – 12/2023

- Development of key microservices for virtual healthcare application, enabling management of SOAP notes, prescriptions, lab/radiology orders, and patient information, enhancing physician & patient interactions via mobile platforms.
- Spearheaded integration of electronic medical record system, ensuring secure and efficient handling of all patient and physician information across Android and iOS platforms.
- Championed adoption of Test-Driven Design, responsible for crafting and executing unit and integration tests for major microservices. Educated backend team on TDD principles and practices to elevate code quality and system reliability.
- Conducted solutioning and performance optimizations, including benchmarking application performance. Presented findings to stakeholders to demonstrate enhancements and support strategic decisions.

Project Manager/Data Engineer | Almarai – Dubai, UAE   08/2018 – 08/2020

- Analyzed central data to identify opportunities for cost reduction and margin enhancement, crafting data-driven narratives to support strategic decision-making.
- Participated in three-person team on SKU assortment optimization project, utilizing clustering and multi-linear regression models. Developed monitoring tools and dashboards, and coordinated with vendors.
- Managed Gulf-wide rollout of SKU optimization project, implementing strategies across +50k stores in KSA, UAE, Bahrain, Oman, and Kuwait.

PROFESSIONAL EXPERIENCE (CONTINUED)

Full-Stack Web Developer | Almarai – Riyadh, SA   03/2016 – 08/2018
- Developed and maintained high-volume internal sales workflow application, handling both backend and frontend components, which has processed +500k transactions and remains operational.
- Engineered new user registration workflow for IT device, VPN, and internet access, transitioning from paper-based to digital approvals and reducing process time from two weeks to three days.
- Ensured continuous operation and reliability of critical business applications, enhancing organizational efficiency and digital transformation initiatives.

Web App Penetration Tester | Electronia – Riyadh, SA   05/2015 – 03/2016
- Conducted web application penetration tests and code analysis, developing specialized tools such as port scanners, crackers, and SSH bots to enhance team capabilities.
- Enhanced security protocols and contributed to operations of the security center for the Saudi Ministry of Foreign Affairs.

EDUCATION

Bachelor of Computer Science | UNIVERSITY OF COLORADO – Boulder, CO

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

AWS Cloud Practitioner | Amazon – CLF-C01 | 2023
Professional Scrum Master I | Scrum – PSM-1 | 2022
Almarai Leadership Exploration Program | BTS Group AB | 2019
Machine Learning Fundamentals | Codecademy Pro | 2019
Data Analysis, Pro Intensive | Codecademy Pro | 2018
Almarai Future Leader Program | The Institute of Leadership & Management | 2018
Usable Security Course | University of Maryland | 2015

TECHNICAL SKILLS

Web-app Development: ASP.NET Core, SQL Server, PostgreSQL, MongoDB, Redis, JavaScript (Node.js, Express), AWS services, Unity, Dapper, xUnit, Dapper, Entity Framework.
Concepts and Methodologies: Microservice architecture, Agile (Scrum/Kanban), MVC, Monolithic apps, REST, gRPC, SPA, Health Information Systems (HIS), Cloud, SOLID, Test-Driven Development, Domain-Driven Development, Most Major OOP Design Patterns, Distributed Systems design.
Data Analytics: Python, Jupyter Notebooks, QlikSense, AWS ML Suite.

COMMUNITY INVOLVEMENT

Active in community and professional development roles, including Scrum Master and Systems Architect at Backyard Experiential and participant at GameFounders video game development Incubator/Accelerator. Secured 3rd place at G8 Hackathon with 20,000 SAR prize. Previously engaged in IT auditing and compliance at KPMG Saudi Arabia.

PERSONAL INTERESTS

Passionate about community enrichment & personal growth. Enjoys bicycling, hiking, and board games. Recommend thought-provoking novels *Perdido Street Station* by China Miéville and *The Three Body Problem* by Liu Cixin for avid readers.