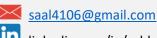
# Sahal A. Alturaigi

Software Engineer – AWS Certified – Scrum Certified

Diligent, process- and results-driven, teamwork-focused, developer that comes from a broad technical background in cybersecurity, data analytics, and web-app development in FMCG sales and Health Information Systems. Bilingual in English (native speaker) and Arabic.



linkedin.com/in/sahlealturaigi/



+966 53 384 4827

www.sahle-alturaigi.com

### **Technical Skills**

ASP.NET Core, SQL Server, PostgreSQL, MongoDB, Redis, JavaScript (Node.is, Express), AWS Web-app

services, Unity, Dapper, xUnit, Dapper, Entity Framework. Development

Concepts and Microservice architecture, Agile (Scrum/Kanban), MVC, Monolithic apps, REST, gRPC, SPA, Health Information Systems (HIS), Cloud, SOLID, Test-Driven Development, Domain-Driven Methodologies

Development, most major OOP design patterns.

Python, Jupyter Notebooks, QlikSense, AWS ML Suite **Data Analytics** 

# **Work Experience**

## **Senior Backend Engineer**

Cloud Solutions - Riyadh, Saudi Arabia

08/2020 - Present

- Part of special development team for building a new virtual healthcare mobile application on Android and iOS. App handles full SOAP note, prescriptions, lab/radiology orders, physician appointments over video call, and patient health information records.
- Responsible for electronic medical record microservice which handles effectively all of patient's health information and physician information.
- Helped adopt team to Test-Driven Design process. Responsible for writing unit and integration tests for some microservices as well as teaching the backend team on how to implement TDD into their microservices.
- Coming up with solutions on increasing performance of the application along with benchmarking methods so as to present proof to the business.
- Responsible for migrating old, legacy applications into newer, modern, web-based ones.

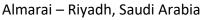
# **Project Manager/Data Engineer**

Almarai – Dubai, UAE

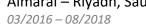
08/2018 - 08/2020

- Gathering insights from company's central data and building stories on areas to reduce costs or increase margin.
- Part of a three-person team for an SKU assortment optimization project that utilizes clustering and multi-linear regression models. Doing monitoring, statistics, and building dashboards for the team; interfacing with vendors.
- Rolling out of SKU assortment optimization project across the entire gulf (KSA, UAE, Bahrain, Oman, and Kuwait) for over 50,000 stores.

# **Full-Stack Web Developer**









- Built in-house web applications for corporate and sales workflows.
- Designed and implemented both backend and frontend for an internal sales workflow with over 500,000+ transactions processed. Application is still live.
- Created workflow for registering new users for IT device access, VPN access, and internet access, thus removing
  the need for paper-based approvals. Processing time for access to services has been reduced to 3 days down
  from 2 weeks. Application is still live.

# **Web App Penetration Tester**

Electronia - Riyadh, Saudi Arabia

05/2015 - 03/2016

- Performed web application penetration tests, code analysis, and built on-the-job tools for the team such as port scanners, crackers, SSH bots, etc.
- Hardened and worked in security operations center for a Saudi Ministry of Foreign Affairs.

### **Education and Professional Certificates**

### **AWS Cloud Practitioner**

Amazon - CLF-C01

January 2023

#### **Professional Scrum Master I**

Scrum - PSM-1

Summer 2022

#### **Almarai Leadership Exploration Program**

**BTS Group AB** 

09/2018 - 09/2019

### **Machine Learning Fundamentals**

Codecademy Pro

02/2019 - 04/2019

#### **Data Analysis, Pro Intensive**

Codecademy Pro

03/2018 - 06/2018

#### **Almarai Future Leader Program**

The Institute of Leadership & Management

09/2015 - 09/2018

#### **Usable Security Course**

University of Maryland

Summer 2015

### **Bachelor of Computer Science**

University of Colorado at Boulder, USA

08/2010 - 12/2014

# Volunteering + Extras

#### **GameFounders**

Video game development Incubator/Accelerator

01/2023 - 05/2023

#### **G8 Hackathon**

3<sup>rd</sup> place winner (20,000 SAR prize)

18/08/2022 - 24/08/2022



Please check out my website via the QR Code

Or through: https://www.sahle-alturaigi.com/