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Experience

Solution Architect

Saudi Authority for Intellectual Property

November 2019 – December 2020

Stabilized the authority's portal and optimized the performance and security. Designed and implemented in-house solutions. Provided consultation and support for other teams and developers in the authority.

Software Engineer

King Faisal Specialist Hospital and Research Centre

November 2013 – November 2019

Developed applications for different platforms: Web applications using JavaServer Faces, console applications using Java and iOS applications using Objective-C.

Software Engineer

RVEALR

February 2018 – May 2018

Prototyped a client dashboard and REST API back-end, with multiple views and functionalities, to allow the client to manage and monitor the resources.

Software Engineer Intern

TURBO Studios

September 2017 – January 2018

Developed a connection to AWS in a supporting tool (Admin Tools) which perform multiple AWS related actions. In addition to Improving and fixing bugs in Spring Framework back-end system.

Software Engineer Intern

King Faisal Specialist Hospital and Research Centre

June 2012 – August 2012

Enhanced Emergency Management System (EMS) by adding administrative features to allow the administrator to configure and set up the emergency unit.

Education

Stevens Institute of Technology

M.S. In Computer Science (2017 – 2018)

Imam University

B.S. In Computer Science (2008 – 2013)

Certificates

Advanced Study in Software Construction

Massachusetts Institute of Technology

<http://web.mit.edu/6.031/www/fa19/>

React Nanodegree

Udacity

<https://confirm.udacity.com/563VRG2S>

A developer's guide to the Internet of Things (IoT)

Coursera (9J6KF7RTGT3H)

<https://www.coursera.org/account/accomplishments/verify/9J6KF7RTGT3H>

Red Hat Certified System Administrator

Red Hat (140-006-149)

<https://www.redhat.com/rhapps/certification/verify/?certId=140-006-149>

Projects

Sehaty (My Health)

King Faisal Specialist Hospital and Research Centre

Developed the official iOS application for King Faisal Specialist Hospital and Research Centre's patients. Worked as the lead developer; developed all app views that retrieve the user's data from a backend database. In addition, managed the user's session and implemented some of the iOS 10 SDK features such as: LocalAuthentication, UserNotifications, HealthKit and EventKit.

Healthy Lifestyle

King Faisal Specialist Hospital and Research Centre

Created a health tracking application for KFSHRC's patients so they be monitored remotely by their physician. In addition, created a REST API to store all the data using Java. Also, developed the controller inside the official iOS app "Sehaty" which interacts with both the REST API and the iOS HealthKit.

MyShare Drive

King Faisal Specialist Hospital and Research Centre

A collection of Batch, VBScript, and registry files packaged inside of an .exe file that installs, configures, maintains, and monitors a WebDAV client (WebDrive) to connect to Alfresco (ECM). I created all the necessary scripts that install and configure the WebDAV client based on the user's location. Ensured that the scripts work without any user interaction.

Various JavaServer Faces Applications

King Faisal Specialist Hospital and Research Centre

Developed various Web applications using JavaServer Faces (JSF). These include: Default Location, an application concerned with management of the location of PCs connected to the hospital's medical system (Cerner). Created Extension for Supply Chain Customer Service that presents data from multiple sources based on the customer selection. Developed Supplies Scan, an extension for the medical store application, which handles unregistered items by connecting the item's barcode with an item code in the enterprise resource planning (ERP) system and then adds more details about this item.

More projects <https://kalua.im/projects/>

Awards & Achievements

Winner Best Hack Using a NYC API

HackNY Hackathon Spring 2017

Intel, MongoDB, Twilio and others

<https://devpost.com/software/mansplaintome>

Winner Most Original Project

DuckHacks Hackathon 2017

Google and JPMorgan Chase & Co.

<https://devpost.com/software/duckhacks-share-your-taste>

Skills

Languages	Java, JavaScript, Python, Objective-C
Frameworks	Spring, JavaServer Faces 2, Node.js, Express.js
Frontend	React, HTML5, CSS3, jQuery, Bootstrap4
Data	SQL (PostgreSQL), NoSQL (MongoDB), Redis
Continuous delivery	Git, Mercurial, Perforce, Jenkins

Languages

Arabic Native

English Fluent



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<http://kalua.im/resume/>
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