

# Khalid Alnuaim

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## Objectives

To obtain a position as software engineer to use and improve my knowledge, experience and skills in Computer Science especially programming and software development.

## Experiences

### Software Engineer

*King Faisal Specialist Hospital and Research Centre*

November 2013 – Present

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, 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 the 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)  
GPA: 3.7 out of 4

### Imam University

B.S. In Computer Science (2008 – 2013)  
GPA: 4.01 out of 5

## 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>

### Full Scholarship Recipient

*King Faisal Specialist Hospital and Research Centre*

### React Nanodegree Program

*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 reusable API to store all the data using Java. Also, developed the controller inside the official iOS app "Sehaty" which interacts with both the 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.

### Rateb

*Personal (Open source)*

Developed an open source iOS application that calculates the remaining days for the next salary (the fifth of the solar hijri month) based on Saudi Arabia's Cabinet decision number 551. The application uses Today extension (Widget), therefore, it was split into two parts App and Lib to share the calculation code between main app view and today view without any code duplication following the DRY principle.

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

## Skills

<b>Languages</b>	JavaScript, Java, Python, Objective-C
<b>Frameworks</b>	Node.js, Express.js, React Native, Flask, JavaServer Faces 2.x
<b>Frontend</b>	HTML5, CSS3, React, jQuery, Bootstrap
<b>Data</b>	SQL, NoSQL (MongoDB), Redis
<b>Continuous delivery</b>	Git, Mercurial, Perforce, Jenkins

## Languages

**Arabic** Native

**English** Fluent



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