

## CONTACT

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Jeddah, Saudi Arabia  
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## EDUCATION

### Bachelor of Computer Information System

*Mount Royal University*  
MAJOR: Computer Science  
Minor: Business  
(Calgary, Canada)

### Software Engineering General Assembly

Completed 480 hours coding bootcamp, resulting in more efficient and elegant solutions to problems by applying fundamental computer science concepts to applications and understand the elements and delivery of a quality investor and business pitch.

### Data Analyst

*Udacity*  
Apply question, modeling, and validation problem-solving processes to datasets from various industries in order to provide insight into real-world problems and solutions.

### Full Stack Developer

*Udacity*  
Design and build database for software applications, create and deploy database-backed web APIs, and access control for an application backed. Finally deploy a Flask-based web application to cloud using Docker and Kubernetes

## LANGUAGES

- Java
- Python (Pandas)
- JavaScript
- PHP
- React
- Arabic
- English

## AWARDS

Presentation speech and pitch idea

# Abdullah Binmahfouz

## Software Engineering & Business Analyst

### Executive Summary:

3 years' experience in manipulating data, working on IT service management solutions and working in high pressure customer environments. Motivated, solution oriented and excellent communicator. As a Data Analyst, I worked through several case study to apply different algorithms such as Multiple Linear Regression and Logistic Regression models in python, after data wrangling, to produce informative visualization of single variables. I enjoy working on meaningful projects & helping businesses achieve their goals through technology.

## PROFESSIONAL EXPERIENCE

### Security Business Analyst and Administration

2018-2019

*Saudi Spanish Train Project*

Jeddah, Saudi Arabia

I was able to use my leadership skills, high level of communication and management to understanding the clients, subcontractors and employee's needs. This helped secure Al-Haramain High-Speed Railway, 450 KM of track line, 5 train stations, and over 100 technical buildings along the track from Makkah to Madinah.

### IT Business Integration

May-Aug (2018)

*Precision Drilling Corporation*

Calgary, Canada

- Using up to date technology in SAP4-HANA, I was able to manage SAP users access control.
- Run queries to deliver a daily report using ServiceNow/power BI applications.
- Work with team members and users to define business process improvements.
- Gathered requirements, configuring and customizing SharePoint sites to suit business needs.
- Assisted with transitioning SharePoint documents into new team site to improve documents accessibility.

### IT Help Desk/ Start Technician

2015-2018

*Mount Royal University*

Calgary, Canada

- Provided direct technical support resetting user accounts and troubleshooting Wi-Fi.
- Monitored overall performance of all equipment including computers, printers, and scanners to generate monthly reports.
- Helped to resolve technical problems for students, faculty or staff by issuing tickets to appropriate department.
- Gathered user requirements supporting purchase of the new Learning Management System.
- Facilitate workshops for MRU students on using Blackboard, MS Office, and Google Apps to enhance student learning outcomes.
- Troubleshooting technical problems and re-imaged ten computers weekly to keep devices up to date.
- Signing out/in materials and media equipment, assisting students and staff in using library.

## TECHNICAL SKILLS

**Database:** MySQL, SQLPLUS, PostgreSQL, NoSQL (MongoDB).

**Applications:** Machine learning (**IBM Watson Technology**), SharePoint, ServiceNow, BW, SAP FIORI.

**Web Development:** HTML, CSS, PHP, JavaScript, jQuery, React and Python:

- Relational Database Architecture
- Modeling Data Objects with SQLAlchemy (ORM)
- Build front end using React.js/JavaScript
- Build CRUDE RESTful API using MERN Stack
- (Node.js, Express, Mongoose) and Flask
- Use a 3rd party API to retrieve and display data
- Authentication with Auth0 and authorization with Flask
- Testing and deploying application for continuous integration, deployment, and delivery

**Cloud Computing:** Experience with BaaS and PaaS: AWS (EC2, S3), Heroku and Firebase.