C O N T A C T

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E D U C A T I O N

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 Engineering
Udacity
Design data models, build data warehouse and data lakes, automate data pipelines, and work with massive datasets.

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

o Java
o Python
o JavaScript
o PHP
o React.js
o Arabic
o English

A W A R D S

Presentation speech and pitch ideas

Abdullah Binmahfouz
Software Engineering & Data Engineering

Executive Summary:

6 years' experience in applications and manipulating data, working on IT service management solution. Primary experiences lie in web development and big data. Self-motivated to work on different data management technologies, data frameworks and structures and data modelling techniques. Love writing code and utilizing the latest technologies to solve application/data problems. I enjoy working on meaningful projects & helping business achieve their goals through technology.

P R O F E S S I O N A L   E X P E R I E N C E

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.
- 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.

Technical Skills

Database: SQL(Postgres), NoSQL (MongodB**)**
    Analytics Engine: *Spark, flask-sqlalchemy, Pandas*
    Big Data: *data warehouse and data lake*

Applications: Machine learning (**IBM Watson Technology**), SharePoint, ServiceNow, SAP4

Web Development: HTML, CSS, PHP, JavaScript, jQuery, React.js and Python:
    Backend API
- Relational Database Architecture
- Modeling Data Objects with SQLAlchemy (ORM)
- Build CRUDE RESTful API using MERN Stack (React.js, Node.js, Express.js, MongoDB) and Flask formwork
- Authenticate with **Auth0 and** authorize using **flask decorators**
- Testing using **postman** and **unittes module**

    Frontend
- Build front end using React.js/JavaScript
- Use a 3rd party API to retrieve and display data
- Manage **asynchronous** JavaScript control flow with **Promises**

Cloud Computing: Experience with platform as services (PaaS) such as **Heroku, Firebase docker and AWS:** create clusters:**EC2, EMR, and Kubernetes.** Store data using buckets (S3) and using **Redshift** cloud-based data warehouse for large scale data.