

MUSTAFA ABDULMAJEED

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EDUCATION

BSc Carleton University, Software Engineering

WORK EXPERIENCE

Integrations Specialist, Modulus Data, Quebec

September 2020 – Present

- Developed over 30 data integrations, specialized in **HR systems**, using **iPaaS** solutions and **Groovy** scripting to prevent double data entry, create **seamless real-time integrations**, and balance journal entries for clients
- Conceptualized a **testing framework** that would reduce project turnover for a specific HR system by approximately a **week and a half**
- Reviewed, debugged, and corrected peers' **Groovy** code to adhere to **client requirements**, as well as **training new employees** to utilize integration software
- Researched and documented the caveats of multiple HR system APIs, such as **ADP**, **Oracle HCM**, **BambooHR**, **Greenhouse**, and **Predictive Index**

Software Engineering Intern, Amdocs, Toronto, Ontario

May 2019 – August 2019

- Automated and implemented backup and recovery procedures using **Kubernetes** for a **Spring Boot** system that resulted in greater availability and scalability
- Developed **Helm charts** for the **Kubernetes elements** to allow for faster, more manageable **deployments** on the cluster
- Resolved problems introduced through **database migration** in the **Spring Boot backend**, and the **React-Redux frontend**

Software Engineer Co-op, Statistics Canada, Ottawa, Ontario

Jan 2018 – April 2019

- Developed a website for viewing logs fetched through an **API** in **C# Html** and **JavaScript**, using the **ASP.NET Core** libraries, where the log details are updated in real-time using **ajax** calls to partial views
- Developed and appended additional features to **G-Link**, a record linkage software, using **C#**, **Windows Presentation Foundation**, and the **M-V-VM** pattern, based on client requirements
- Presented research findings on **Apache Nifi**, an open-source data pipelining tool, and **Kylo**, a tool that utilizes **Nifi**, by implementing them to automate a Use Case at Statistics Canada
- Wrote technical documents on all findings, such as comparisons between **Hive** and **HBase**, Best Practices for using **NiFi**, **Kylo**, and **MiniFi**, and **SSL Certificate** setup for a **NiFi** deployment, to pass on to next student and for developers

SOFTWARE PROJECTS

Portfolio: <http://github.com/4iner>

Full-Stack Developer, Clinic CRM

- Created a data entry webapp using **ReactJS** with a **Java Spring Boot** backend, and **PostgreSQL** database, to easily enter patient data, and look it up, along with photo management for the admin role, as per client requirements
- Integrated **JWT**, **CORS** and **CSRF** security to the backend to protect against malicious attacks
- Hosted the application on **AWS** using **EC2**, **RDS**, **Lambda** and **CloudFront** to deliver the application over a secure connection, along with manageable costs of maintenance. A demo version is available on the github portfolio, however it may take up to 3 mins to log in

Frontend Developer, ShutterBug App

- Developed a **React-Native** application to accommodate for both **Android** and **iOS** users
- Created optimizations in libraries and elements to **reduce loading times** by 50%
- Assisted with the design of **AdobeXD** mock pages to ensure a great **UX** for the end-users

SKILLS

Proficient: Java, Spring Boot, React, React-Native, JavaScript, Git, Linux, Windows, Kubernetes, DevOps, RESTful APIs, Agile, PostgreSQL| **Familiar:** Jenkins, SQL, Big Data, Docker, Microservices, AWS, JUnit