Abdulrahim Mansour

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Work Experience

CGI - Bell

Montreal, Canada

Full Stack Developer   04/2022 - Present

- Complete UI redesign of mission-critical application utilizing React v16.8 coupled with Typescript:
  - Functional components using react hooks (useState, useEffect, useContext, useReducer… + custom hooks), state management using Context API
  - Theme and Styling using styled-components
  - Component Driven Development (CDD) methodology using Storybook
  - Tasks managed using Jira, coupled with UI/UX requirements detailed on Figma
  - Unit testing components using Jest, strictly enforcing linting rules based on *eslint-config-airbnb*
- Contributed to code-base of Node.js and Spring Boot microservices
- Utilized Gitlab and Jenkins for CI, and Udeploy and Openshift on-prem servers for CD
- Onboarded and conducted code-review sessions for batch of new developers

Technologies used CI/CD,   React, Typescript, Jest, styled-components, Storybook, Figma, git hooks, Node.js, Spring boot, Gitlab, Jenkins, Udeploy, Openshift

Montreal, Canada

Cloud Data Engineer   01/2022 - 04/2022

- Designed and implemented BigData ETL pipelines:
- Using on-prem Gitlab runners, extracted data into Hadoop using Spring boot microservices, Sqoop and shell scripting
  - Transformed data using Trino (Presto) and Hive/Impala, leveraging Oozie jobs and coordinators
  - Loaded data using Scala and Spark into Cassandra keyspace to be fed into JanusGraph db
- Managed Openshift cluster to deploy RestAPIs across dev/qa/prod environments
- Developed Gremlin queries to add more functionality to customer facing RestAPI endpoints
- Assisted in design of ETL pipeline for the migration to GCP (Google Cloud Platform)

Technologies used   Spring Boot, Hadoop, Trino, Sqoop, Hive/Impala, Linux shell scripting, Oozie, Scala, Spark, Cassandra, Janusgraph, Openshift, Gremlin, GCP

Coveo   **Montreal, Canada**

Consultant, Solution Specialist   09/2020 - 12/2021

- Developed enterprise search pages using the *Coveo Javascript Search Framework (JSUI)* in order to accomplish customer requirements based on designed architecture
- Developed enterprise search pages using the *Coveo Headless Framework*, coupled with LWC for salesforce pages and ReactJS for single page applications
- Developed salesforce search pages by using Coveo for Salesforce into agent service consoles and salesforce communities

- Developed *Typescript Turbo components* to enable behaviour beyond the Coveo JSUI
- [Coveo Platform](#) configuration tailored for each customer: configured data sources to be crawled and indexed, created python scripts to normalize the crawled data, created query pipelines to personalise each search experience, configured machine learning models, configured usage analytics
- Worked in a strong matrix organization, following an agile methodology and using Azure DevOps to manage daily tasks across projects
- Lead and implemented the redesign of an [Azure DevOps extension](#) which enables Solution Specialists to fill-in their daily scrum entries
- Coached 3 new interns to enable them on the scrum extension and the Coveo Platform configuration

Technologies used	Javascript, Typescript, VueJs, HTML, SCSS, Python, Salesforce (Visualforce, Apex, Lightning Web Components), Coveo Platform, Coveo JSUI, Coveo Headless, ReactJS, Redux, Docusaurus, Confluence, Azure DevOps

CAE Inc.   Montreal, Canada
Full-Stack Software Developer   05/2019 - 03/2020

- Created robust RPA scripts, which autonomously execute step by step commands to accomplish business objectives on ERP system
- Created a *JavaFX desktop application* that enabled more than 20 employees to execute the process of completing work-orders autonomously
- Created an *Angular/Java distributed system* composed of an orchestrator, a series of workstations (sends requests) and designated computers (consumes requests and executes scripts)
- Developed *Python scheduled scripts* to run daily on designated computers which updated important databases, reports, excel files and other business resources used by the entire manufacturing department

Technologies used	JavaFX, JDBC, JUnit, Maven, sikulix api, Selenium, Angular 6, Javascript, HTML/CSS, MSSQL, MySQL, SQLite, Python, Flask, git, Azure DevOps, VBA

Bombardier   Mirabel, Canada
Data Analyst   09/2017 – 01/2018

- Automated business processes using VBA modules to reduce daily tasks into a simple click of a button

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Education

Concordia University   Montreal, Canada
Bachelor of Computer Engineering   2016 – 2021

Projects & Learning
- [Sass architecture design](#)
- Angular/Spring Boot deployed on Digital Ocean: [moneytree](#)
- Quasar(Vue++)/Spring Boot deployed on AWS: [sizzle](#)
- MERN stack: [server](#) [client](#)
- Android Application: [repair shop central hub](#)
- Python Amazon Seller: [amazon-mws](#)

- Udemy: [Spring & Hibernate for Beginners](#)
- Udemy: [Node with React: Fullstack Web Development](#)
- Udemy: [Modern React with Redux](#)
- Udemy: [Modern Web Scraping with Python using Scrapy Splash Selenium](#)

Software Skills

- **Languages:** Javascript, Typescript, Java, Python, yaml, C/C++, PHP, VBA
- **Frontend:** ReactJS, VueJs, Angular6, LWC, JavaFX, Redux, VueEx, Vee-Validate, VueRouter, Metronic
- **Backend:** Spring Boot, Node + Express, Django, Flask, Laravel
- **Mobile:** Android Studio, React Native
- **Data Engineering:** Hadoop, Trino, Hive, Impala, Oozie, Scala, Spark
- **CI-CD/Cloud Services:** Docker, Kubernetes, GCP (Google Cloud Platform), GKE (Google Kubernetes Engine), Google Cloud SQL, GCR (Google Container Registry), AWS Elastic Beanstalk, AWS S3, Digital Ocean, Heroku, Github Actions, Gitlab, Openshift
- **Version Control:** git (Github, Bitbucket, Azure DevOps, Jira)
- **Package Manager:** npm, yarn, maven, gradle
- **Other:** HTML, CSS, SCSS, Selenium, MongoDB, MySQL, SQLite, Cassandra, Janusgraph, Gremlin, JDBC, UiPath, Scrapy, sikulix, Docusaurus, Confluence, Coveo