

# Ali Al Aoraebi

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## EDUCATION

### McMaster University

*Bachelor of Technology in Software Engineering (Co-op)*

Sep. 2024 – Present

*Hamilton, ON*

### George Brown College

*Advanced Diploma in Computer Programming Analysis*

Sep. 2021 – Apr. 2024

*Toronto, ON*

## EXPERIENCE

### Software Developer

*Robert Guild Associates Inc.*

Aug. 2024 – Present

*Doha, Qatar*

- Built a full-stack **internal web app** (**React**, **Node.js**, **MongoDB**) with modules for daily/monthly shift reports and the **QDF Maintenance Management System**, supporting preventive schedules and service requests across Qatar Duty Free's airport retail terminals.
- Developed a **full-stack Document & Inventory Management System (DMS)** with secure **JWT-based authentication**, supporting PDF file management, real-time inventory control, and automated document generation (invoices, quotations, POs).
- Designed and deployed the company's responsive **website**, improving client engagement and showcasing ongoing and past projects.

### Mobile App Developer

*Metawebworks*

Sep. 2023 – Apr. 2024

*Toronto, ON*

- Developed a cross-platform mobile app using **React Native** to track and analyze customer interactions, improving business insights.
- Collaborated with a team to design intuitive UI/UX prototypes in **Figma**, ensuring seamless navigation and responsiveness.
- Participated in **Agile sprint planning**, defining user stories and timelines for on-time feature delivery.

## PROJECTS

### RGA Operations System

*React, Node.js, MongoDB, Tailwind CSS*

- Built modules for **shift reports** and the **QDF Maintenance Management System**, handling preventive schedules and service requests across Qatar Duty Free terminals.
- Developed secure **JWT-authenticated access** with CRUD APIs (**Express.js**, **MongoDB**) for data management.
- Accelerated delivery using **ChatGPT** and **GitHub Copilot** for optimization and debugging.

### RGA Document Management System (DMS)

*React, Node.js, MongoDB, AWS, Tailwind CSS*

- Delivered modules for **inventory management** and automated creation of **invoices, quotations, and POs**.
- Reduced document lookup time by 30% through streamlined PDF tracking/preview.
- Integrated **pdf-lib** with scalable **Express.js/MongoDB** backend for secure workflows.

### Robert Guild Associates Website

*React, Node.js, TailwindCSS*

- Created a responsive website showcasing services/projects with **filtering features** and contact form integration (**Nodemailer**).
- Optimized performance with lazy loading and cross-device compatibility.

## TECHNICAL SKILLS

**Languages:** Java, Python, C#, JavaScript, TypeScript, SQL, HTML/CSS

**Frameworks:** React, React Native, Angular, Node.js, Express.js

**Libraries:** pdf-lib, pandas, NumPy

**Tools:** Git, Docker, MongoDB, Postman, Linux, Figma