Ali Al Oraibi

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EDUCATION

McMaster University   Hamilton, ON
Bachelor of Technology in Software Engineering (Co-op)   *Sep. 2024 – Present*

George Brown College   Toronto, ON
Advanced College Diploma in Computer Programming Analysis   *Sep. 2021 – Apr. 2024*

EXPERIENCE

Software Developer and A/V Specialist   Aug. 2024 – Present
Robert Guild Associates Inc   *Doha, Qatar*

- Developed internal **RGA Reporting App** using **React**, **Node.js**, and **MongoDB** to digitize and streamline shift reporting processes.
- Engineered **Excel and PDF export functionality** with **ExcelJS** and **jsPDF** to produce detailed, styled reports.
- Designed and deployed the company's responsive **website**, improving client engagement and showcasing projects.
- Configured and maintained **Public Address Systems (PAS)** and other A/V hardware to ensure optimal performance.

Mobile App Developer   Sep. 2023 – Apr. 2024
Metawebworks   *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

Robert Guild Associates Internal Reporting App | *React, Node.js, MongoDB, ExcelJS, jsPDF*

- Built a **full-stack app** to manage shift reports, implementing **CRUD operations** for multiple report sections, including SCR, Microphone Station Group, and System Fault Logs.
- Developed **Excel and PDF export features**, generating professional, styled reports with logos, headers, and dynamic row heights.
- Designed a responsive **frontend interface** using React and TailwindCSS, ensuring compatibility across devices.
- Implemented secure backend services with **Node.js** and **MongoDB** for reliable data storage and retrieval.
- Streamlined workflows for report management, reducing manual data entry and saving time for internal teams.
- Utilized AI tools like **GitHub Copilot** and **ChatGPT** to optimize **code generation**, debug issues, and enhance overall **development productivity** in full-stack projects.

Robert Guild Associates Website | *React, Node.js, TailwindCSS*

- Created a visually engaging, **responsive website** to highlight services and projects across corporate and residential sectors.
- Implemented dynamic **filtering features** for project displays, enabling scalability and easy updates.
- Integrated a secure backend with **Node.js** and **Nodemailer** to manage contact form submissions.
- Optimized performance with lazy loading and responsive layouts, ensuring fast load times and cross-device compatibility.

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript, SQL, HTML/CSS
Frameworks: React, React Native, Angular, Node.js, Express.js
Libraries: ExcelJS, jsPDF, pandas, NumPy
Tools: Git, Docker, MongoDB, Postman, Linux