MARWAN ELKHODARY

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EXPERIENCE

Full Stack Software Engineer   December 2022 – Present
Deloitte   *Toronto, ON*
- Implemented a healthcare analytics platform to process **2k** patient records daily for **$5M+** revenue
- Maintained **Apex** test classes to ensure **85%** test coverage and passing **CI/CD pipeline** deployments
- Safeguarded over **10k** users by configuring permission sets, profiles and field-level security
- Designed an internal social platform using **Salesforce** and **JavaScript (LWCs)** for executives to share posts and files, facilitating **5k** daily interactions across Deloitte's international offices

Junior Software Engineer   July 2021 – December 2022
Deloitte   *Toronto, ON*
- Designed **7 APIs** for Canada's largest grocery chain, powering their new loyalty program integration
- Assisted in code review, unit testing, and regression testing across multiple development environments
- Engaged in all stages of the SLDC from requirements gathering to maintenance
- Wrote **Python** scripts to manage **+15k** research files, eliminating manual QA for an internal background check team

PROJECTS

marwan.world | *Astro, JavaScript, Tailwind*   May 2024 – Current
- Crafted a content-driven personal website using Astro, prioritizing server-first rendering
- Produced an interactive drag-and-drop game for users to build a virtual PC on the homepage

copyfoldertree | *Typescript, Node.js*   June 2024
- Published a VS Code Extension that simplifies copying project folder structures into text format
- Enhanced developer experience when debugging path-related issues with colleagues and LLMs

Emenie | *Typescript, Svelte, Python, Flask, Selenium, SQL*   December 2023
- Implemented with **Google Dialogflow** to generate restaurant recommendations based on user text input
- Utilized **Flask** to create **APIs** and **Selenium** to scrape City of Toronto's website to build **SQL** database of local restaurants

Netzero | *Flutter, Dart, Firebase, Cloud Firestore*   September 2020 – April 2021
- Made a cross-platform app to display the user's carbon footprint based on food intake
- Curated game-like competitive atmosphere for users to compare carbon savings with university peers
- Established user authentication features with **Firebase** and designed **Firestore** database structure

EDUCATION

Queen's University   September 2016 – May 2021
Bachelor of Computer Science (Honours) in Software Design   *Kingston, ON*
- Relevant Coursework: System-Level Programming, Computer Architecture, Data Structures and Algorithms, Software Specifications, Operating Systems, Software Architecture

TECHNICAL SKILLS

Languages: Python, Java, JavaScript/TypeScript, Apex, C, SQL, Bash, HTML/CSS
Frameworks and Libraries: Node.js, Svelte, React, Jest, Tailwind, Flask, Pandas, Flutter, PlantUML
Tools: Salesforce, Mulesoft, AWS, Azure, Postman, MongoDB, Firebase, Docker, Git, Selenium
Certifications: AWS Certified Cloud Practitioner