Khaled Elgohary

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EDUCATION

Univeristy of Manitoba, BSc
Sep 2020 – Jul 2024 | Winnipeg, Canada
Major: Computer Science | Minor: Mathematics

EXPERIENCE

Caremate, Frontend Developer
May 2024 – present | Winnipeg, Canada

- Optimized React components and refactored code for maintainability, while enhancing frontend performance and user experience, and led the design and implementation of new features in collaboration with UI/UX and development teams resulting in 5 new features launched.
- Actively participating in feature planning, conducting thorough code reviews, and managing merge requests, ensuring high code quality and seamless integration of frontend and backend features.
- Designing and Implementing the core product's Contact customer communication framework, leveraging postmark for email automation, reducing the time required to gather client feedback and resolve issues by 60%.

Canadian Museum for Human Rights, Industrial Project
Dec 2023 – Apr 2024 | Winnipeg, Canada

- Developed a fully local speech-to-text model for the Canadian Museum for Human Rights, featuring live transcription, automatic language detection, and seamless language switching.
- Trained a BERT-based model with 12 custom intents, achieving 90% accuracy with limited data, by fine-tuning the system for optimized language understanding and precision.
- Implemented Docker for containerizing application, reducing deployment time by over 40%.

PROJECTS

HighSchool Hub, Android Studio, Java, Mockito, JUnit, Espresso

- Developed a social media Android app using Android Studio for high school graduates and staff to reconnect, ensuring seamless integration between backend and frontend components.
- Achieved 100% test coverage with JUnit and designed automated test cases using Espresso, enhancing the app's reliability by predicting average user interactions.

El-opie web scraping website, Python, Flask, Selenium, HTML/CSS, SQL

- Collaborated in an agile team during a university hackathon to develop a web scraping tool, reducing manual course search time by over 60% for University of Manitoba students applying for letter of permissions.
- Developed the website using Flask, HTML/CSS, and SQL for data storage, utilizing Selenium for efficient data scraping, and secured 2nd place out of 77 teams, showcasing innovative problem-solving and technical skills.

Personal Porfolio, React, CSS

- Developed a dynamic, responsive personal portfolio using React to showcase skills and projects, integrating Material UI for a clean, professional design.
- Implemented Framer Motion animations to enhance user experience with smooth transitions and interactions.

Julisten Web App, JavaScript, HTML/CSS, JQuery

- Led the design and development of a Spotify-inspired music website, applying HCI principles and ranking in the top 5% of the class.
- Implemented modern frontend features with HTML, CSS, JavaScript, and jQuery, ensuring cross-browser compatibility and a consistent user experience.

SKILLS

Programming Languages, Frameworks & Libraries — Python(Flask), Java, JavaScript/TypeScript(React, Angular, Next.js, JQuery), C/C++, PHP (Laravel), HTML, CSS(TailwindCSS). • **Testing & Tools** — Selenium, Cypress, JUnit, Espresso, Git, Jira, Docker, Bash, Vscode. • **Databases & Cloud Technologies** — SQL, T-SQL, NoSQL, Neo4j, Microsoft Azure, AWS.