

# Monika Moanes

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Portfolio: <https://monikaamoanes.github.io/Portfolio>

LinkedIn: <https://www.linkedin.com/in/monicanasser/>

GitHub: <https://github.com/MonikaaMoanes>

## Summary

**Software Developer and Software Engineering Graduate** with hands on experience delivering production ready web applications for real clients. Experienced in full stack development using **React, Node.js, Express, and MongoDB**, with a strong focus on scalable architecture, backend APIs, responsive UI, and database integration. Comfortable owning projects end-to-end from requirements to deployment.

## Skills

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

**Web & Full-Stack Technologies:** React, Node.js, Express, MongoDB, Firebase, REST APIs

**Mobile & Frameworks:** React Native, Kotlin, Jetpack Compose, .NET

**Tools & Platforms:** Git, GitHub, AWS, Azure, Docker, Figma, Android Studio, Visual Studio

## Work Experience

### Freelance Full-Stack Web Developer | Dec 2025

Toronto, ON (Remote)

- Design, develop, and deploy full-stack websites using **React, Node.js, Express, MongoDB**.
- Build responsive, mobile-first UIs and scalable backend APIs.
- Implement authentication, database-driven features, and multi-language support.
- Collaborate directly with clients to gather requirements and deliver solutions.

### Software Engineer Research Assistant Intern | Sep 2024 - Dec 2024

Healthcare System R&A - Waterloo, ON

- Built Android interfaces for real-time visualization of patient data.
- Preprocessed and managed large-scale datasets using Python & SQL.
- Applied ResNet-18, improving model accuracy from 78% to 85%.
- Automated workflows, reducing manual processing by 40%.

### Full Stack Web Developer Intern | Sep 2022 - Dec 2022

Consoltec FlowFit - Montreal, QC

- Developed and maintained backend and database systems using C# and SQL.
- Optimized backend APIs and queries to improve system performance.
- Collaborated in Agile/Scrum teams, delivering features on schedule.

## Volunteer Experience

### Web Developer | St. Mark Church, Toronto | Jan 2025 – Present

- Working on **WordPress service-related pages**, including content updates and layout adjustments.
- Assisting with structuring and updating service information to improve clarity and usability.

## Projects

### Sports Event Organizer App ("Sporta") | Apr 2025

GitHub <https://github.com/SOEN490-SportsApp>

- Contributed to Android UI and backend API integration using Kotlin, Firebase, and React Native.
- Set up microservices using Docker, Gradle, and Java, ensuring scalable and reliable backend communication.
- Participated in CI/CD testing and debugging to maintain performance and reliability

## Education

Bachelor of Engineering in Software Engineering | Graduated: June 2025

Concordia University – Montreal, QC