

Monika Moanes

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

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Summary

Full Stack Software Engineering graduate with hands-on experience building responsive web applications using **React, Node.js, .NET, REST APIs, and MongoDB**. Skilled in developing scalable backend services, optimizing performance, and collaborating in Agile teams through internships and client-facing projects.

Skills

- **Programming Languages:** Java, Python, JavaScript, TypeScript, C#, HTML/CSS, SQL
- **Frameworks & Libraries:** React, Node.js, Express, .NET, React Native, Redux
- **Databases & Backend:** MongoDB, MySQL, Firebase, REST APIs, JWT Authentication
- **Tools & Platforms:** Git, GitHub, Docker, AWS, Azure, Visual Studio, IntelliJ, Figma

Projects & Volunteer Experience

Full Stack Developer | Renal Bloom (Healthcare Web App) | Dec 2025 - Present (volunteer)

Live Site: <https://monikaamoanes.github.io/renal-bloom-website/> | Tech: React, Node.js, Express, MongoDB, JWT

- Developed a full-stack healthcare appointment platform using React, Node.js, Express, and MongoDB.
- Implemented REST APIs, JWT authentication, and an admin dashboard to manage bookings and appointment status.
- Worked with a client stakeholder to deliver improvements aligned with clinic needs.

Web Developer | St. Mark Church, Toronto | Aug 2025 - Present (volunteer)

- Maintained and improved a live **WordPress** community website, enhancing usability and mobile responsiveness.
- Managed hosting, deployments, and access control to ensure reliable and secure production performance.

Sports Event Organizer Mobile App (“Sporta”) | Sep 2024 - May 2025

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

- Developed a mobile sports event organizer app with features for event creation, user authentication, and participation workflows.
- Integrated RESTful APIs via Axios and supported real-time messaging within a microservices architecture.
- Contributed to a microservices backend using Docker, Docker Compose, and Kafka to support scalable event-driven communication.

Work Experience

Software Engineer Research Assistant Intern | Sep 2024 - Dec 2024

Healthcare System R&A - Waterloo, ON

- Supported real-time healthcare systems by troubleshooting issues across datasets, applications, and SQL workflows.
- Automated validation and processing scripts, reducing manual effort by **40%** and improving operational efficiency.

Full Stack Web Developer Intern | Sep 2022 - Dec 2022

Consoltec FlowFit - Montreal, QC

- Supported development and maintenance of backend APIs and business logic using **C# MVC and SQL**.
- Analyzed logs and database queries to debug performance issues and validate releases through regression testing.
- Collaborated in an **Agile/Scrum** team to deliver client workflow configurations and ensure correct system behavior.

Education

Bachelor of Engineering in Software Engineering | Graduated: June 2025

Concordia University – Montreal, QC