MOHAMED IBRAHIM

Toronto ON | linkedin.com/in/moibra2005/ | github.com/moibra05 | personal-website-v2-iota.vercel.app
(416) 451-5682 | mohamedhassen.ibrahim@mail.utoronto.ca

PROFESSIONAL SUMMARY

Detail-oriented and results-driven Software Engineering student at the University of Toronto with hands-on internship experience in full-stack development. Proficient in Java, JavaScript, Spring Boot, React, and Next.js. Adept in Agile methodologies, RESTful API development, and containerization with Docker. Passionate about building scalable software systems and collaborating in cross-functional environments to deliver user-centered solutions.

EDUCATION

UNIVERSITY OF TORONTO   Expected: June 2028
Honours Bachelor of Science   *Toronto, Ontario*
Specialist in Computer Science (Software Engineering Stream); Minor in Statistics
Relevant Coursework: Software Design, Software Tools and Systems Programming, Computer Organization

WORK EXPERIENCE

MOZILLA | Upcoming…   September 2025 - April 2026
Full Stack Software Engineer   *Toronto, Ontario*

MARSATEK | *Java, Spring Boot, PostgreSQL, React, Docker*   February 2025 - April 2025
Software Developer   *Remote*
- Spearheaded the development of an AI-powered berth planning system utilizing Java, Spring Boot, and PostgreSQL, decreasing vessel waiting times by 15% and increasing overall port efficiency metrics.
- Engineered and deployed 3 RESTful APIs using Spring Boot framework, facilitating secure and scalable data exchange between frontend and backend services, leading to an overall improvement in data retrieval speeds.
- Collaborated with a cross-functional team to build a full-stack solution using React, TypeScript, and TailwindCSS, ensuring seamless full-stack integration while maintaining high code quality through GitHub version control.

CIVCONNECT | *React, Next.js, Tailwind CSS, Strapi*   January 2025 - March 2025
Web Development Associate   *Beamsville, Ontario*
- Designed, developed and deployed 2+ responsive web applications using React, Next.js, Tailwind, and Strapi, improving user engagement for small to medium-sized businesses.
- Executed thorough assessments of 3 client websites to unearth performance bottlenecks, achieving a notable enhancement in user experience with improvements leading to an overall 25% increase in site performance metrics.
- Engaged in 40+ hours of technical and soft skills training through practical workshops, enhancing analytical capabilities which directly contributed to resolving key issues during web development projects and reducing project timelines.

PROJECTS

TEMP TRACKER ⧉ | *React, TypeScript, Next.js, Express.js, Supabase, PostgreSQL*   June 2025 - August 2025
- Developed a full-stack temperature tracking web application by implementing React/TypeScript frontend with Node.js/Express backend and Supabase database, creating a scalable platform designed to handle hundreds of users and successfully processing 10,000+ environmental data points
- Reduced data processing time by 75% by building automated CSV upload pipeline with file validation, bulk data processing, and real-time error handling, enabling users to upload hundreds of temperature readings in under 30s
- Architected a badge awarding system leveraging a Supabase-driven static badge table, automating recognition for 15+ achievement types and supporting instant expansion to new metrics with zero code changes

CAREER PATH AI ⧉ | *React, Express.js, Groq, Javascript, Node.js, PostgreSQL*   October 2024
- Built an AI-driven career recommendation system during the Hack the Valley 9 hackathon, designed to analyze user data and provide tailored career suggestions based on skills, interests, and long-term goals.
- Engineered a React-based front-end that delivered real-time career suggestions, streamlined navigation, and interactive data input, significantly enhancing user engagement.

TECHNICAL SKILLS

Languages: Java, JavaScript, TypeScript, Python, C, C++, Bash, HTML, CSS, SQL (Postgres)
Frameworks: Spring Boot, JUnit, Mockito, React, Next.js, Express.js, Tailwind CSS
Developer Tools: Git, Jira, Firebase, Supabase, Docker, Strapi