

MOHAMED IBRAHIM

📍 Toronto ON | [🌐 linkedin.com/in/moibra2005/](https://www.linkedin.com/in/moibra2005/) | [🐙 github.com/moibra05](https://github.com/moibra05) | [🌐 personal-website-v2-iota.vercel.app](https://personal-website-v2-iota.vercel.app)
☎ (416) 451-5682 | ✉ mohamedhassen.ibrahim@mail.utoronto.ca

PROFESSIONAL SUMMARY

Junior Computer Science student at University of Toronto specializing in Software Engineering. Interned at 2 companies working on full-stack web development with React, Next.js, Tailwind, and Spring Boot. Skilled in Agile collaboration, Java, Node.js, and version control. Eager to leverage technical expertise and teamwork to drive innovative software solutions.

EDUCATION

UNIVERSITY OF TORONTO

Honours Bachelor of Science

Specialist in Computer Science (Software Engineering Stream); Minor in Statistics

Relevant Coursework: Software Design, Software Tools and Systems Programming, Computer Organization

Expected: April 2028

Toronto, Ontario

WORK EXPERIENCE

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 integration between frontend and backend while maintaining high code quality through GitHub version control.

CIVICONNECT | *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 over three 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

PLANETZE | *Java, Firebase, Android Studio, JUnit, Mockito, Jira*

November 2024 - December 2024

- Produced an Android app enabling users to track and reduce their carbon footprint, incorporating features like monitoring daily emissions, visual progress toward reduction goals, offsetting emissions, and providing sustainability tips through a dedicated resource center.
- Implemented Firebase authentication with email verification, ensuring secure user login and account management.
- Championed Agile methodologies within the team by deploying Scrum and Jira, resulting in a streamlined development cycle that boosted sprint delivery speed by 30% while ensuring adherence to project timelines.

CAREER PATH AI | *React, Express.js, Groq, Javascript, Node.js, PostgreSQL*

October 2024

- Architected 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, Bash, HTML, CSS, SQL (Postgres), MIPS Assembly

Frameworks: Spring Boot, JUnit, Mockito, React, Next.js, Express.js, Tailwind CSS

Developer Tools: Git, Jira, Firebase, Docker, VS Code, IntelliJ, Strapi