

Mohamed Aden Ighe

SOFTWARE DEVELOPER / DATA ANALYST

m.ighe@hotmail.com | [GitHub](#) | [LinkedIn](#) | [Wellfound](#) | [Medium](#) | [Portfolio](#) | [WhatsApp](#)

SUMMARY

A software developer and data analyst with several years of experience and a strong academic background. Completed Microverse's Full Stack Web Development Program, mastering advanced software development skills. Earned a Master's in Computer Science with thesis honors and a Bachelor's in Information Technology (*cum laude*). Former lecturer in database systems, achieving a high student satisfaction rate. Skilled in building responsive web applications, analyzing data, and collaborating with individuals remotely. Experienced in research and web development, with a proven track record of delivering high-quality projects.

EDUCATION

MICROVERSE

May 2023 – February 2024

Remote Full Stack Web Development Program, Full Time

- Spent 1,300+ hours mastering algorithms, data structures, and full-stack development while simultaneously developing projects with Ruby, Rails, JavaScript, React, and Redux.
- Developed skills in remote pair-programming using GitHub, industry-standard Gitflow, and daily standups to communicate and collaborate with international remote developers.
- Obtained a **grade of 92.4%** after the completion of the program.

INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA

March 2017 – September 2020

Master, Computer Science

- **Grade:** Very Good
- **Thesis title:** An Information Quality Requirements Model for Nutrition Health Applications

AL-MADINAH INTERNATIONAL UNIVERSITY

September 2012 – August 2016

Bachelor, Information Technology

- **Grade:** 3.46 CGPA
- Graduated with honors (*cum laude*)

SKILLS

Front-End: HTML5, CSS3, JavaScript, React, Angular, Vue.js, Redux, jQuery, Tailwind CSS, Bootstrap

Back-End: Java, Python, PHP, C/C++, Ruby, Rails, Node.js, SQL, NoSQL, MongoDB, MySQL, PostgreSQL, Laravel

Tools & Methods: Git, GitHub, Linux, Docker, Kubernetes, Agile development, Scrum, Kanban, Heroku, Netlify, Mobile/Responsive Development, RSpec, TDD, Chrome Dev Tools

Professional: Communication, Problem-solving, Teamwork, Mentoring, Leadership, Adaptability, Critical thinking, Creativity, Research, Remote Pair-Programming

CERTIFICATIONS

Full Stack Software Development ([Microverse, 2023](#)), Google Data Analytics ([Google, 2022](#)), Python for Everybody ([University of Michigan, 2022](#)), Coding for Everyone: C & C++ ([University of California - Santa Cruz, 2022](#)), Java Programming & Software Engineering Fundamentals ([Duke University, 2021](#))

WORK EXPERIENCE

ZAMZAM UNIVERSITY OF SCIENCE AND TECHNOLOGY

Mogadishu, Somalia

Lecturer in Database Systems & SQL

January 2021 – February 2022

- Delivered engaging Introduction to DBMS and SQL courses for undergraduate students, fostering a strong foundation in data fundamentals and practical SQL skills.
- Achieved a high student satisfaction rate in course evaluations, praised for clear explanations, real-world examples, and hands-on exercises.

INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA

Kuala Lumpur, Malaysia

Graduate Research Assistant

January 2019 – March 2020

- Collaborated with professors on academic pursuits, conducting research on requirements engineering and data analysis to enhance their work.
- Authored and presented two impactful research papers at departmental conferences, receiving positive feedback from faculty and peers.

AL-MADINAH INTERNATIONAL UNIVERSITY

Shah Alam, Selangor, Malaysia

Web Developer

February 2016 – May 2016

- Increased website traffic through a complete redesign using cutting-edge authoring languages and content creation tools.
- Architected responsive website structures, ensuring seamless user experience across all devices.

WAIDSUM GLOBAL RESOURCES SDN BHD

Kuala Lumpur, Malaysia

Web Developer & Graphic Designer

May 2014 – August 2014

- Proficient in a wide range of web technologies, including HTML, PHP, JavaScript, CSS, and WordPress, ensuring smooth technical operations.
- Championed accessibility initiatives, making the website usable for everyone regardless of ability.

VOLUNTEER EXPERIENCE

HIGHLIGHTED PERSONAL PROJECTS

Remote

Full Stack Web Developer

May 2023 – Present

Mastered advanced topics in full-stack development (including Rails, Git, and DS&A challenges) while building 15+ full-stack, front-end, and back-end projects both independently and through remote pair-programming.

Book A Doctor – An application, with both frontend and backend components, enabling users to schedule appointments with doctors. Access necessitates user sign-up or sign-in through provided forms.

- **Built with:** Ruby, Rails, React, PostgreSQL, Bootstrap, & API - [GitHub](#) | [Live Demo](#)

Mini World Atlas – Mobile web app enabling users to view numeric metrics from the REST countries API, providing information about various countries.

- **Built with:** React, Redux, & API - [GitHub](#) | [Live Demo](#)

Bookstore CMS – A single-page application enabling users to browse and buy books, featuring a navbar and footer for seamless app navigation.

- **Built with:** React, Redux, JavaScript, & API - [GitHub](#) | [Live Demo](#)

Capstone MealDB – A simple web app utilizing an external API for exact name matching and an Involvement API to capture user interactions such as likes and comments.

- **Built with:** HTML5, CSS3, JavaScript, & API - [GitHub](#) | [Live Demo](#)

MICROVERSE

Remote

Mentor (Volunteer)

May 2023 – Present

- Assist several students in project development, helping them understand requirements, plan implementation, and troubleshoot challenges.
- Conduct code reviews, offer feedback to improve code quality and enforce best practices.
- Propose improvements to code organization to improve code quality and overall performance.

OPEN KNOWLEDGE SOMALIA

Hybrid

Research & Teaching Assistant

July 2020 – April 2023

- Unearthed crucial data sets unavailable through conventional channels, utilizing creative research strategies and leveraging diverse networks, expediting research progress by 3 months.
- Established a thriving knowledge-sharing network within the organization, reducing internal inquiries and fostering a culture of collaborative research support.