

MUFIDA ANDI

Software Developer

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[LinkedIn](#) • [Github](#) • [Portfolio](#)

Summary

I'm a Full Stack Software Engineer with experience working on real production systems—building, migrating, testing, and maintaining data-driven web applications. Most of my work has focused on JavaScript, TypeScript, React, Node.js, and modern databases, with a strong emphasis on accessibility, reliability, and clean data flow. I enjoy working closely with other engineers to improve systems over time, and I'm especially interested in technology that creates practical, long-term impact, including efficiency- and sustainability-focused platforms.

Core Technologies

JavaScript, TypeScript, React, Next.js, Node.js, PostgreSQL, MongoDB, REST APIs, Docker, Git, Accessibility (WCAG 2.x), Agile/Scrum

Experience

Accessibility Test Consultant

NEOGOV, El Segundo, US (Contract - Remote)

May 2023 - Present

- Tested complex UI across browsers and assistive technologies to ensure consistent, reliable behavior.
- Logged, tracked, and validated defects using **Jira and TestRail**, helping teams catch issues earlier and reduce repeat defects.
- Provided practical, developer-friendly guidance on semantic HTML, keyboard navigation, ARIA usage, and screen-reader behavior.
- Contributed to clearer documentation and better internal practices, which helped reduce recurring accessibility problems over time.

Software Developer | HTML, CSS, JS, React, Angular

NETZON GLOBAL TECHNOLOGY, INC., Davao City

April 2021 - July 2022

- Built and maintained frontend features using **HTML, CSS, JavaScript, React, and AngularJS** for client-facing web applications.
- Integrated REST APIs into UI components to ensure data was displayed accurately and updated correctly.
- Worked in Agile sprints, participated in code reviews, and followed shared coding standards.
- Created reusable UI components and styling patterns with **Tailwind CSS**, improving development speed by about **20%**.
- Helped improve cross-browser reliability and responsive behavior across multiple production systems.

Junior IOS Developer | Xcode & Swift Programming

IDEAHUB IT SOLUTIONS PROVIDER, INC., Davao City

July 2020 - November 2020

- Assisted in building and debugging mobile UI features using **Swift and Xcode**.
- Integrated APIs and tested UI responsiveness across different iOS devices.
- Gained early experience collaborating in an agile development environment.

Projects

Expense Tracker with AI Integration

- Built a responsive, desktop-first expense tracking application using **React, HTML, CSS, and JavaScript**.
- Integrated AI to automatically categorize transactions and provide spending insights.
- Focused on **clean UI, accessibility, and usability**, with secure authentication and real-time updates.

[View Code](#) [Live Demo](#)

Modernized Portfolio Website

- Built a modern, responsive portfolio using **Next.js 16, TypeScript**, and **Tailwind CSS** with **shadcn/ui** components.
- Implemented smooth animations with Framer Motion, featuring a macOS dock-style navbar for desktop and hamburger menu for mobile/tablet devices.

- Integrated **AI chatbot assistant** and **custom email API**, with theme switching, accessibility features, and optimized server-side rendering.

[View Code](#) [Live Demo](#)

AI Portfolio Chatbot

- Developed an interactive AI assistant to help visitors explore portfolio content and navigate to specific sections.
- Built with React and integrated seamlessly with the portfolio using MessageEvent API for real-time navigation.
- Focused on natural conversation flow, contextual responses about skills and projects, and smooth user experience with animated UI.

[View Code](#) [Live Demo](#)

Portfolio Email API

- Created a Node.js/Express backend service to handle contact form submissions with email delivery functionality.
- Implemented RESTful API endpoints with proper error handling, CORS configuration, and input validation.
- Designed for secure, reliable email communication with environment-based configuration for development and production deployments.

[View Code](#) [Live Demo](#)

Education

Full Stack Software Development

Lambton College in Toronto

Toronto, Ontario, CA

April 2024

Bachelor Of Science in Computer Engineering

University of the Immaculate Conception

Davao City, Davao del Sur, PH

March 2020

Certifications

- DHS Trusted Tester Certification from U.S. Department of Homeland Security
- Scrum Fundamentals Certified (SFCTM) by SCRUMstudy