Michael Wagaye

AWS | Software Developer | UI/UX Design

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🐙 mk23rd   Michael Wagaye [LinkedIn]

About Me

Recent graduate from Hilcoe School of Computer Science and Technology with a passion for solving real-world problems through code and cloud technologies. Built a solid foundation in software development, data structures, and systems design, complemented by an AWS Cloud Practitioner certification. Currently pursuing an AWS Solutions Architect certification, which enhances skills in cloud architecture and scalable application design. Motivated and adaptable, ready to deliver quality results and contribute to collaborative tech projects while continuously learning and growing in the field.

Experience

YeMuyaWeg - የሙያ ወግ
UI/UX Designer
March 2025-May 2025

- Designed user interfaces for mobile and desktop website, which improved user satisfaction scores by 30% over six months, helping the company retain more clients.
- Conducted user research sessions and usability tests, identifying key pain points that led to actionable design changes, ultimately streamlining the user journey.
- Collaborated closely with developers to ensure seamless design implementation, which reduced development errors by 25% and sped up the launch timeline for new features.
- Created a comprehensive style guide that standardized design elements across multiple projects, fostering consistency and clarity, which enhanced the overall brand identity.

Education

Ethio- Parents' Highschool
Highschool
2020

HiLCoE School of Computer Science & Technology
Computer Science
Bachelor's degree
2021-Oct 2025

Projects

Risk_Integrated_Crowdfunding_and_Investment_Platform

- Developed a modern web application using React, Vite, and GSAP, which enabled teams to launch crowdfunding campaigns with transparency and awareness of associated risks.
- Designed end-to-end investor protection flows, ensuring that users could navigate the platform confidently, which ultimately enhanced user trust and engagement.
- Collaborated with team members throughout the project, fostering a cooperative environment that led to innovative solutions and effective problem-solving.
- Conducted thorough testing and user feedback sessions, which identified key areas for improvement and resulted in a more user-friendly interface.

Fewes

Fewes - Ethiopian Meal Kit Delivery Service | Modern web app for authentic Ethiopian cuisine with meal planning, menu browsing, and subscription services

- Designed and implemented an intuitive multi-step subscription workflow.
- Optimized performance through efficient state management and API integration.
- Strengthened brand identity with culturally inspired UI components and visuals.

Synth

About A modern, responsive e-commerce platform for premium leather products featuring jackets, bags, and belts. Built with HTML, CSS, JavaScript, and PHP with MySQL database integration.

- Designed and developed a modern, fully responsive e-commerce platform for premium leather products including jackets, bags, and belts. Focused on delivering a smooth and visually appealing shopping experience with intuitive navigation, secure checkout, and dynamic product management.
- Implemented a robust backend using PHP and MySQL for handling user authentication, order tracking, and product inventory. Built custom admin dashboards to manage products, categories, and orders efficiently. Designed and optimized front-end components with HTML, CSS, and JavaScript to ensure cross-device responsiveness and enhanced user engagement.
- Integrated key e-commerce functionalities such as product search, sorting, cart management, and payment simulation to provide a complete shopping workflow. Applied SEO-friendly design principles and performance optimization techniques to ensure faster load times and higher user retention.

OpenAI_Translator

- Developed a Python-based translation assistant, which enhanced multilingual communication by providing contextual translations.
- Integrated OpenAI APIs to ensure translations are not only accurate but also relevant to the context, helping users understand nuances in different languages.
- Designed the tool to support multiple languages, which broadened its usability for diverse user groups and improved accessibility.
- Conducted testing and refinement processes to ensure high-quality output, resulting in a more reliable translation experience for users.

Mini Expert System Using Prolog

- Developed a mini expert system using Prolog, which provided users with automated problem-solving capabilities in a specific domain.
- Designed the knowledge base and inference engine, helping the system to process user queries effectively and deliver accurate recommendations.
- Implemented user-friendly interfaces, making it easy for users to interact with the system and understand the results.
- Conducted extensive testing and debugging, ensuring the system operated smoothly and met the initial project requirements.
- Documented the entire development process, which served as a valuable resource for future enhancements and user training.

Skills

Front End Development
ReactJS . JavaScript,Jquery,GSAP
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UI/UX Design
Figma . Photoshop
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AWS
EC2 . S3 . Lambda . Python
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Backend Development
Python. JavaScript , NodeJS,NextJS
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Interests

Devops

Watching Anime

Learning New Things

New Experiences

Certifications

AWS Certified Solutions Architect – Associate
Amazon Web Services (AWS)
October 2025

Earned the AWS Solutions Architect – Associate certification, showcasing my ability to design efficient cloud architectures and implement AWS best practices for performance, security, and reliability.

🔗 https://www.credly.com/badges/b6334ad9-7740-4c5f-8b73-5ac8b003d1db/linked_in_profile

AWS Certified Cloud Practitioner
Amazon Web Services (AWS)
July 2025

Earned the foundational AWS certification, demonstrating a clear understanding of core AWS services, cloud concepts, security, pricing models, and support options. This certification validates the ability to define basic cloud infrastructure, understand deployment and operation in the AWS Cloud, and articulate the AWS Cloud value proposition. Ideal for individuals in technical, managerial, sales, or financial roles who work with cloud technologies.

🔗 https://www.credly.com/badges/dec5c02c-fbc8-4cd7-a411-ea38a684c4c6/public_url

ALX Professional Foundations Certificate
ALX ETHIOPIA
April 2025

Successfully completed the Professional Foundations program by ALX, a transformative experience focused on cultivating essential career skills. The course emphasized professional communication, emotional intelligence, time management, collaboration, adaptability, and problem-solving. I engaged in real-world scenarios, peer feedback, and reflective exercises designed to enhance workplace readiness and personal growth.

English Proficiency Certificate
Duolingo English Test
July 2023

🔗 https://certs.duolingo.com/9f36f6be84a051cd9a97ece6ec35152b

Languages

English
Advanced
◼◼◼◼◻

Amharic
Native
◼◼◼◼◼

French
Beginner
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