

TEWEDAJGETAHUN

SOFTWARE ENGINEER AND GOLD FELLOW AT THE ROOM

PROFESSIONAL SUMMARY

I'm a Full Stack engineer with 3 years experience in developing web, mobile, and desktop applications and I'm passionate about leveraging innovative technology in health care and other data intensive areas . I'm also proud to have graduated in the top 5% of the ALX Tech program and selected for the Gold Fellowship program at The ROOM.

TECHNICAL SKILLS

- Java Script
- Type Script
- Node.js
- Express.js
- App Scripts
- react.js
- react-native
- PostgreSQL
- MySql
- Flutter

CONTACT ME

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in [LinkedIn URL](#)

🐦 [Twitter handle](#)

📁 [portfolio](#)

WORK EXPERIENCE

Full stack developer

Feb 14 2021 -
Present

JSI - Addis Ababa Ethiopia

i create offline supported applications by utilizing CouchDB , sqlite , and custom modules to make offline applications possible in low network areas, worked on event and hr management systems that have now been used with in the company to manage more than 1000s of events, created offline designs that sustain the test of time and recourse usage

Frontend developer

Nov 19, 2022-
March 10 - 2023

**Tech-Ethio Addis Ababa
Ethiopia(remote part time)**

Mobile development for both Android and iOS platforms, specializing in re-creating user interfaces from Figma designs with seamless transitions and captivating animations. Proficient in API integration, ensuring flawless model-to-API body conversions. Strong expertise in componentization and modularization for efficiency and scalability

Frontend developer

Aug 10 , 2021 -
Sep 14 , 2021

licredence Remote (Part time)

I crafted custom drag and drop modules for a refined UI/UX in our Flutter-based web application. Through rigorous research and user-centric design, we ensure an inclusive and seamless experience. Performance optimization, and iterative improvements drive our development process.

Backend Developer

Oct , 2019 - Dec
2019

paziyon

i expertly integrated the backend for an ecommerce site, employing a highly object-oriented approach with core PHP. my dedication to excellence enabled me to surpass client time expectations while delivering a robust and efficient solution.

Represented by: **The Room**
 Pathfinder: Kutchi Katatumba
 Pathfinder's Tel: +256 773 170 157
 Pathfinder's email: kkatatumba@theroom.com

CERTIFICATIONS

ALX (holberton)
 Software Engineering graduate
 2022-2023

Sololearn - JAVA
Certificate
 2018

Sololearn - PHP
Certificate
 2019

Sololearn - SQL
Certificate
 2019

PROJECTS

JOps

Feb 2021 - Jul

As a JOps project developer, I optimized APIs for a 30% improvement in response time and streamlined cronjobs, reducing execution time by 40%. I crafted user-friendly UIs, and automated email communications, cutting manual workload by 50%. Additionally, I integrated HR and vehicle management modules for comprehensive event coordination and contributed to the mobile app's development. conducted code reviews, and provided leadership to interns

Clinical Guidline

Dec, 2022 - Jan

In the Clinical Guideline project, I designed tailored database models and implemented advanced algorithms to create a robust desktop version. This enabled seamless offline functionality and significantly enhanced the overall user experience. By implementing fully offline capability, I successfully reduced the application build size and resource usage by an impressive 80%, further optimizing the performance and efficiency of the system.

mBrana

Aug, 2022 - Nov

In this project I enabled offline capabilities for the mobile app in remote areas, reducing redundant API calls by 85% and eliminating client-server delays. This improved system performance, conserved bandwidth, and provided a smoother user experience for healthcare workers, even with limited internet connectivity. The implementation of offline capabilities significantly enhanced data access and entry, contributing to the system's overall effectiveness in vaccine management.

Health Emergency Dashboard

Jan 2023- March

The Health Emergency Dashboard is a crucial project during critical times, providing detailed reports for decision-making. My contribution involved creating automated microservices responsible for retrieving, processing, and importing data from diverse sources into our database. Additionally, I worked on visualizing the data using Metabase and React.js, enabling efficient analysis and empowering officials with actionable insights.

REFERENCES

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