Shambel Amare

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Addis Ababa

Profile

A dedicated graduate with a degree in electromechanical engineering at Addis Ababa Science and Technology university in Both Frontend and Backend Programming, team working and leadership and reasearch.

Education

B.Sc., Electromechanical Engineering, Addis Ababa Science and Technology University, 2020
M.Sc., Mechatronics Engineering, Addis Ababa Science and Technology University, 2022

Experience

Full Stack Developer   October 2021 - Present

Freelance Projects:

1. House Sales and rental platform

   Objective:
   - Provide an easy way for house salers, and renters to display thier offer online.
   - Provide individauls a convinient way to find home to rent or to buy easly

   Features:
   - User sign in, authentication, role based permissions
   - CRUD, user can list his house for sale or rent. user can edit his own listings, see his listings, edit listings, see offers made, provide discounts

   Tech Stack:
   - The front end was build with **React** and utilized libraries including **React Select**, **Material UI**
   - The Back end was build with **Fire Base** using **CloudFirestore** Database

   Link: https://shambelamare.netlify.app

(2) Visa-Agency Website

Objective:

- Enable Customers apply for Visa online and track the statues of thier application
- Allow Agents to create application for customers and manage all applications in one place

Features:

- User Registration, Authentication, Role based authorization if user is **Agent** or **Regular Customer**
- **Agents** can create multiple customers and start a visa application form for each customer
- **Dashboard**, to start application, track application status and for Agents to see all the customers under them, filer through them based on name, country of application etc

Tech Stack:
- The Website was build using the **Django** Web Framework with **Bootstrap**

- It uses a **Postgres** database

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Programming Skills

Front End

- React
- Vannilla JS
- HTML, CSS
- Material UI

Back End

- Node Js
- Next Js
- Express
- Firebase
- Django
- Strapi

Design

- Figma
- Adobe XD
- photoshop

Other Experiences and Volenter Activities

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Sinopia Import and Export PLC   May 2021 - October 2021

- Import officer and Technician

Students Union Academic affairs Chairman   2019-2021

- Served as Addis Ababa Science and Technology university Students Union Academic affairs chairman for one year.
- Participated in organizing scholarship and public lecture opportunities for students
- Solved student's academic issue by communicating with the university on their behalf.

AASTU FREE TUTOR CLUB   2018-2021

- Delivered free tutors for over 100 of freshman students to have a better understanding, in physics, electricity, math and technical drawing courses for two years
- Lead this club in 2020, and make valuable contribution to strengthen the club
- We helped over hundreds of students understand electrical and engineering courses better

Ethiopian Electric Utility, Addis Ababa, south district branch   Summer 2018

Internship

- Performed workshop and research activities for the switchgear department in designing and implementing electric distribution systems.
- Participated in various field works with the team.

Private business, Lalibela (home town)   Summer 2019

A business started with my two friends, on the quarantine period
Book rent and sells

- Provide the community (especially the youth) with books to read and discover knowledge and wisdom and provide a service that they could spend their free time due to quarantine
- We made a net profit of near 20,000 ETB in five-month time and started a youth association called **Lalibela youth Library Association**