



MELAKU ALEHEGN

Full Stack Developer | React | Flask

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I'm full stack developer well skilled with JavaScript/ReactJs and Python/Flask to make simple solutions for web-based problems. Automate the process of integrating and deployment of web apps with CI/CD tools like Travis and Jenkins. I develop robust and scalable web applications with a focus on user experience and usability. My real strength is my ability to understand the requirements of the clients and to create a solution that meets their needs, to work in a team environment and I am always ready to learn new things.

I'm Skilled in:

Front end Development: React, HTML, CSS, Tailwind, Bootstrap, RESTful APIs, JavaScript. Back end Development : Flask.

Databases: MySQL, SQLite, ORM, SQLAlchemy, PostgreSQL.

Cloud and DevOps: AWS, GCP, Travis CI, Github Actions, Docker, Ansible.

Professional Experience

DevOps Engineer

Kemer Habesha, Addis Ababa, Ethiopia | October 2022 - Present

Activities and Actions:

- Configure multiple Linux servers using Ansible.
- Configured a pipeline using GitHub Actions.
- Implemented Continuous Integration with Github actions and DockerHub.
- Set up a monitoring and alert tool to watch for specific scenarios and report with appropriate medium (slack, email, sms).
- Set up and configure a SQL server with a replica as a backup.

Tools and Technologies used: Ansible, Github Actions, SSH, GCP, Prometheus, Nagios

Intern Full stack developer

LSSYA online consultancy, Addis Ababa, Ethiopia | November 2021 - February 2022

- Designed and planned wireframes and sitemaps using feedback from users.
- Built a landing page for an online counselling chat app.
- Used React.js to render the very attractive components.
- Used TailwindCSS as a CSS framework.

Computer Engineer

N.E.R.D Center, Addis Ababa, Ethiopia | April 2021 - July 2021

- Spent over a month researching about Scara Robots their behaviour.
- Implemented a design change for the existing robot to maximize efficiency.
- Write code to meet the design requirements using C++ programming language.

Education

Software Engineering

ALX Africa | February 2022 - March 2023

Nanodegree in Cloud Developer

Udacity | May 2022 - August 2022

Electrical and Computer Engineering

Addis Ababa Science And Technology University | 2016 - 2021

Key Skills

- ReactJs
- TailwindCSS
- Python/Flask
- SQLAlchemy(ORM)
- MySQL
- GitHub/GitHub Actions
- JavaScript(ES6)
- React-Redux
- Typescript
- AWS
- GCP
- Ansible

