Michael Alem

Kechene, Addis Ababa, Ethiopia

Phone: +251953908684 | +251972046377 | Email: [salazaralem@gmail.com](mailto:salazaralem@gmail.com)

[LinkedIn Link](https://www.linkedin.com/in/michael-alem-3936922a7/) | [GitHub Link](https://github.com/X-C0DER) | [Personal Website](http://salazaralem.tech/)

Summary

I am a driven Computer Science Graduate with a Bachelor's degree from Unity University, with experience as a backend developer leveraging languages like PHP, Python, Java, and JavaScript and currently expanding my skills through the ALX software engineering program. (1 Month Remaining to Graduate) Known for communication, collaboration, and problem-solving skills gained through coursework and hands-on coding projects. I am eager to apply my technical abilities to a backend developer role or internship.

Education

**Bachelor of Science in Computer Science, Unity University, Addis Ababa.**

- Relevant Coursework: Data Structures, Algorithms, Operating Systems, Software Engineering.

**ALX Software Engineering 1 Year intensive Program, Online.**

-Relevant Coursework & Projects: Airbnb Clone, Binary Searches, System DevOps, Docker, Unit Testing, API Development Using Flask,FastApi Object Relational Mapping (ORM).

**Skills**

* **Technical Skills**
* Certified and Proven in PHP, Python, Java, JavaScript, SQL, Git.
* Experience with AWS, REST APIs, MySQL databases, NO -SQL Databases
* Proficient in CSS, Tailwind and Bootstrap framework
* Experience with React.js as an expert React developer
* Experience with Microsoft Visual Studio and ASP.NET
* Web Automation &Testing Leveraging Tools Like Selenium and Cypress.
* Proficient in Microsoft Office (Word, Excel, PowerPoint, Outlook)

**Soft Skills**

* Problem Solving Skills.
* Strong verbal and written communication abilities.
* Detail-oriented with good time management.
* Team Collaboration Skill.
* Critical Thinking.
* Ability to Resolve Conflicts.

**Certifications.**

* Certified Backend Developer from Meta.
* Certified in Machine Learning Specialization from DeepLearning.ai.
* Certified in Computer and Mobile device Maintenance and Repair from Satcom

Technologies.

* Certified in Virtual Assistance from Allison.

**Projects**

### I-SPY

PYTHON ~ PYQT

A GUI application that Extracts Geo Location Meta Data to See Where A Picture Was Taken, It Was Developed Using the Python Library PYQT for the GUI and EXIF for the Meta Data Extraction.

### UFCORACLE

MACHINE LEARNING PROJECT ~ PYTHON

Revolutionize Fight Night Predictions: A Machine Learning and Web Scraping Project leveraging Selenium and Beautiful Soup to analyze and predict UFC events using data sourced from ufcstats.com.

### YEGNA CLASS

PHP~JAVASCRIPT~WEBRTC~AGORA.IO~BOOTSTRAP~AJAX~MYSQL

Developed a comprehensive Online Class Platform (utilizing PHP and JavaScript) that seamlessly integrates video, audio, text chat, and screen sharing functionalities. One standout feature involved extracting and managing students' scores from an Excel file, ensuring accuracy and privacy. This innovation allowed students to securely access and view only their personal academic data. Recognized with an A+ grade, the project excelled as the Final Project at Unity University.

### AIRBNB CLONE

HTML~CSS~PYTHON~FLASK~UNIT TESTING~PUPPET~DEVOPS

In the course of my ALX Intensive Program, I successfully completed a mandatory project involving the creation of an Airbnb website clone. This comprehensive endeavor encompassed the use of CSS, HTML, and Python (Flask) to develop the website. Throughout the project, I acquired valuable skills in website API design, database management using ORM, and deploying websites to the internet. Beyond the technical aspects, the experience also enhanced my capabilities in collaboration, leadership, and unit testing.

### ETHIOSCORE API

PYTHON~FASTAPI~PANDA~DOCKER

Created an Ethiopian Premier League Data API by leveraging Selenium for data scraping, JSON for data formatting, Panda for data manipulation (creating H2h, Stats), Fast API for API development, and Docker for seamless containerization.

### CODE BUDDY

REACT~FIREBASE~TAILWIND

Built a coder-friendly Social Media Platform using React, Tailwind, and Firebase for a responsive and interactive experience.

### EMPLOYEE MANAGMENT SYSTEM

JAVA~JAVAFX~MYSQL

Crafted an Employee Management System with JavaFX and MySQL, combining the robust capabilities of Java's graphical user interface framework with the reliability of MySQL for seamless data storage and retrieval. This application provides an intuitive interface for efficient employee record management, ensuring a user-friendly experience while leveraging the power of a MySQL database for secure and scalable data handling.

References

References are available upon request.