



PROFILE

Enthusiastic CS student and software developer, eager to contribute to team success through acquired academic and experience knowledge, hard work, attention to detail in completing tasks and excellent organizational skills. I am Motivated to learn, grow, and excel in Software development, Machine Learning and Artificial Intelligence.

CONTACT

PHONE:

+254790751950

+254791872361

WEBSITE:

GitHub:

<https://github.com/amengemeda>

LinkedIn:

<https://www.linkedin.com/in/amen-gameda-b08740188/>

Portfolio website:

<https://amentamene.epizy.com>

Email:

amentamene@gmail.com

amen.gamed@strathmore.edu

HOBBIES

Football

Programming

Video games

AMEN TAMENE GEMEDA

Software Developer

EDUCATION

Strathmore University

Nairobi, Kenya

2019/07 - Present

Bachelor's in informatics and Computer Science

St. John Baptist De La Salle Catholic School

Addis Ababa, Ethiopia

2016/09- 2018/07

High School Diploma

Academic Trophy Winner of the graduating class of 2018

CERTIFICATIONS

Microsoft ADC University Mentorship Program

Cohort 2 2021

Back-end Team Lead of the Overall Winner Team

[Certificate](#)

Social Storm Participation Certificate

Cohort 2 2020

Participation Certificate

[Certificate](#)

JAVA for Android

July 2020

Coursera Certificate

[T37CQHZUD6P2](#)

WORK EXPERIENCE

Carata Quick Shopping – Co-Founder and System Administrator

2022/01 - Present

- Work on new features and maintain the backend of the Carata Quick Shopping startup web application.

- Ensure availability and efficiency.

Freelance – Full-Stack Developer

2021/05 - Present

- Design and Develop systems

- Focus on implementing efficient systems using LAMP stack

Infinicourse – Course Instructor

2022/01 - Present

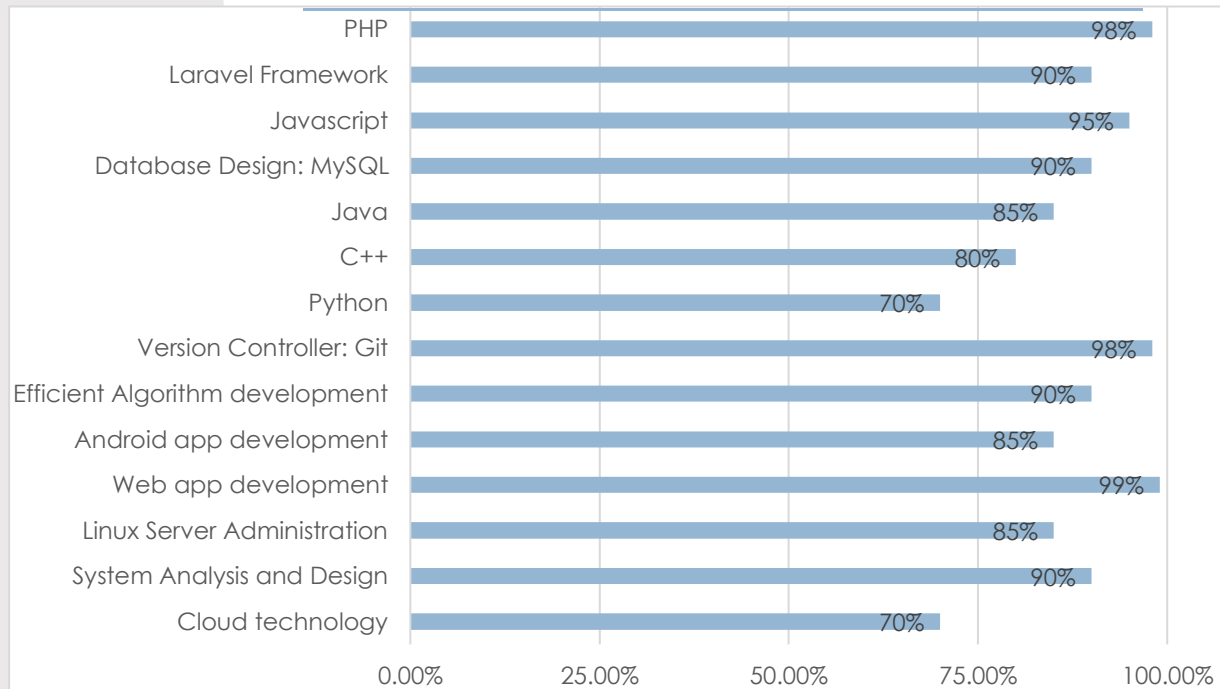
- Instruct a course called Applied Programming
- Teach Data Structures and Algorithms and Back-end development

Strathmore University – Computer Lab Assistant

2020/1–2020/03

- Maintaining computer labs during the evening classes.
- Troubleshooting hardware and software issues.

SKILLS



PROJECTS

Carata Quick Shopping

Carata is a simple progressive web application in which people can order what they want, and it will get delivered to them. It was built using vanilla PHP in the back-end development. It is a startup that was initiated by 4 students, including myself. I contributed to the back-end development and still working on the maintenance and version update.

Link: carata.co.ke

StrathFeed: Quick and simple Feedback giving system

StrathFeed is a progressive web app designed for mobile phones that is used to give quick feedback. The system was built by a request from Strathmore University, and it is currently implemented there. The feedback giving system capitalizes on using QR codes. Unique QR codes are generated for every specific location in the University. The user scans the QR code and gives feedback. On the admin module, admins can see the feedback given, reports and generate QR codes for newly added locations. The system was built using Laravel framework. I worked on both the front-end and back-end of the system.

Link: strathfeed.strathmore.edu

FITA: Face Identification, Temperature analysis and Data Analysis System

This was one of the school projects I worked on which was later taken by the university and tested on the campus. FITA was created as a solution to the inefficient Covid19-related data collection system that was being

used by the university. The system is composed of a Face recognition module, an IOT module, and a progressive web application to automate and reduce the inefficiency in the data collection and analysis process. Students use the app to answer the daily covid-19 screening questions before they come to school. At the gate of the campus, they will be identified through face recognition and get their temperature measured using a temperature sensor. These collected data are analyzed and presented in the admin module. The face recognition model was implemented using Microsoft Azure's Face API. I worked on both the front-end and back-end of the system.

Link: fita.strathmore.edu

Breath: An android application for drug addicts

Breath is an android application that is developed for drug addicts who are on the journey of rehabilitation. It contains features such as daily articles about mental health and drug addictions fetched from medium, daily activities to be carried and medication reminder. Users can monitor they accomplishment using the app. I worked on back-end of the system along with other 3 friends of mine.

Link: github.com/amengemeda/Breath

LANGUAGES

English: Full professional proficiency

Amharic: Native proficiency

Spanish: Limited proficiency

COMMUNITY INVOLVMENT

Volunteer at St. John Baptist De La Salle Catholic School

I volunteered as a teacher in my previous high school, St. John. During my period there, I taught students Mathematics and Information Technology for 2 months. I also got the chance to mentor students in career planning.

ACHIEVEMENTS

Co-authored and published a research paper on the IST-Africa 2022 conference

Title: An IoT Based Web Application for Tracking and Managing Covid-19 Related Data. A Case of Kenyan Learning Institutions

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[Certificate](#)

Best Boy: Strathmore University Math Contest

2019

I won a math contest held by Strathmore University in Ethiopia to earn a full scholarship.

Dean's List: Strathmore University

Since I joined Strathmore University, I have made it to the dean's list for three consecutive years.

REFEREES

Name: **Mr. Anthony Kahindi**

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Name: **Mr. Stanslaus Mwongela**

Lecturer and PHD Fellow – Strathmore University

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