



Nairobi, Kenya
alifatma2019@gmail.com

Fatma Ali, Software Engineer

Experienced Software Engineer with expertise in developing apps from medical records systems to enterprise search solutions and AI powered experiences.

Employment History

Senior Software Engineer at Microsoft, Nairobi

May 2021

Currently at Microsoft, building AI powered, agentic experiences in M365 Copilot Experiences. M365 Copilot empowers people to find the information they need by unlocking knowledge and expertise across all M365 data to deliver highly relevant results and increase productivity.

Software Engineer at Antara Health, Nairobi

July 2020 — April 2021

Antara Health provides virtual healthcare services to patients with chronic conditions including customized health engagement plans, and high touch virtual engagement. As a Software Engineer at Antara, I have led the frontend development of the EMR (Electronic Medical Records) and Communications which clinicians use to record patient info. The app is built using React.

Software Engineer at AMPATH, Eldoret

September 2018 — February 2020

AMPATH is a USAID funded collaboration between Moi University and American University to provide quality healthcare to HIV patients.

During my time there, I worked with the engineering team to build the first Point of Care System in Kenya using Angular built on top of OpenMRS currently taking care of 200,000 HIV patients across Western Kenya in AMPATH's clinics.

Contractor Software Engineer at Regenstrief Institute, Eldoret

August 2017 — September 2018

My work contracted by Regenstrief Institute was to work in AMPATH and assist in building software tools for the AMPATH Medical Records and Point of care systems before I transitioned to a full time employee at AMPATH a year later. Some of the tools I built include a web app that allowed non-technical users to build forms with zero code.

Volunteer Experience

Facebook Developer Circles, Co-Lead, Eldoret

November 2018 — January 2020

My role involved growing the Eldoret tech space through Facebook Developer Circles and sponsorship from Facebook and its partners through online and offline events, which has seen the Eldoret chapter become the second circle with the highest number of women in Sub Saharan Africa.

My role as co-lead for developer circles also included providing community members valuable access to job and learning opportunities with partnerships from local companies and ecosystem giants.

Education

Bsc. Information Technology, University of Eldoret, Eldoret

September 2014 — November 2017

I majored in Software Engineering with a final year project on improving the yield agricultural crops through the use of the Internet of Things and Cloud computing. Attained Second Class Upper Division.

Links

[Github](#)

[Medium](#)

[Personal Website](#)

[LinkedIn](#)

Skills

☐ React

☐ Git

☐ JavaScript

☐ TypeScript

☐ Angular

☐ CI/CD

Awards

Elasticsearch Awards 2019 Cause Awards Honoree, Amsterdam

2019

The award was given to AMPATH for deploying and setting up the Elastic Stack for visualization of reports for over 13,000,000 patient records. The work was also featured on the Elastic blog: My role was setting it up and deploying it for our users.
<https://www.elastic.co/blog/ampath-providing-healthcare-in-rural-kenya-using-elastic-stack>

References

References available upon request