

# FRANCIS NJOROGE MUTHONI

njorogef770@gmail.com | +254724763596 | 630-01000 Nairobi, Kenya

[LinkedIn](#) | [GitHub](#) | [HackerRank](#)

## EDUCATION

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<b>Kirinyaga University</b> Bachelors of Science in Software Engineering	Kirinyaga, Kenya August 2019 - April 2023
<b>Udacity</b> Nanodegree AWS Cloud Developer	Online May 2022 - August 2022
<b>Coursera</b> Professional Certificate in Project Management	Online July 2022 - September 2022
<b>Explore Data Science Academy</b> Certification in Data Science and Machine Learning	South Africa July 2021 - Feb 2022

## EXPERIENCE

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- Explore AI | Developer** Remote | Feb 2022 - August 2022
- Building a data pipeline for real-time analytics
  - Building an automation script in python for data mining, cleaning, and analysis.
  - Automating actions using AWS lambda function and GitHub actions
- GDSC SSA | Google Developer Student Club Lead** Kirinyaga University | August 2021 - August 2022
- Built and led a tech community at my campus.
  - Led a series of workshops for teaching technical and soft skills.
  - Outsourced Subject Matter Experts to teach and deliver industry-level training in my community.
- Microsoft | Microsoft Game of Learner's Participant** Kenya | April 2021 - June 2021
- Worked on the back-end logic implementation with some DevOps tasks for automation and to keep the application up and running, a solution to enhance educational accessibility in remote are.

## SKILLS

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Programming Languages: Python, JavaScript  
Libraries/Frameworks: React.js, Bootstrap, jQuery, Node.js, REST APIs, SASS, LESS, Redux  
Tools / Platforms: Git, Kubernetes, Docker, CircleCI, CI/CD, DockerHub, Github, NginX  
Databases: SQL, PostgreSQL, MongoDB, JSON, NoSQL

## PROJECTS / OPEN-SOURCE

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- A Serverless Application | Link** *JavaScript, CSS, HTML, Serverless, aws, auth0*
- It's an Instagram-like serverless application for uploading, listing, and filtering images.
- An image filtering app | Link** *JavaScript, Shell, React.js, docker, kubernetes, circleci, microservice*
- It's an image filtering application, that allows users to register and log into a web client, post photos to the feed, and process photos using an image filtering microservice.
- A Movie recommendation engine | Link** *Python, Machine learning recommendation algorithms*
- It is a recommender engine based on content and collaborative filtering that could accurately predict how a user would rate a movie they have or have not yet viewed based on their historic preferences for economic growth and empowerment.

## CERTIFICATIONS

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- Certificate in Responsive Web Design - FreeCodeCamp.org.
- Advanced JavaScript Data Structures and Algorithms - FreeCodeCamp.org.
- AWS Certified Cloud Practitioner - Foundation - Amazon Web Services.