

# SIMON MBURU NJOROGI

## SUMMARY

I am a full-stack developer passionate about creating innovative and scalable solutions for diverse industries. My expertise spans JavaScript (including React.js, Node.js, and React Native frameworks), Python, .NET with C#, and databases such as PostgreSQL, MySQL, and MongoDB. I thrive on challenges that allow me to apply my creativity and problem-solving abilities, and I am dedicated to continuous learning and growth. I have successfully collaborated with skilled teams to deliver top-notch products that meet user needs and expectations. My commitment to pushing boundaries and making meaningful contributions drives me to excel in every project I undertake.

## EXPERIENCE

### November 2023 – Current

#### Associate Software Developer • Techno Brain Group - Nairobi, Kenya

- Awarded the Feather in My Cap (FIMC) Award in Q1 2024 for exemplary service delivery across Strategic Business Units (SBUs).
- Led the frontend development of the Fleet Management System for the Nairobi County Government, overseeing design, API integration, system testing, bug fixing, and user acceptance training.
- Collaborated with skilled teams to deliver innovative, scalable solutions using JavaScript, Python, .NET with C#, and various databases, with a focus on Odoo customization using Python and XML.
- Configured an Assets Management System for a public sector client, focusing on report customization using Jasper Reports and database functions, primarily using Java.
- Developed a Secure QR Code Registration, Validation, and Verification Mobile App for internal demo preparation, including API development using .NET and React Native, and integration with Africa’s Talking for SMS services.
- Provided knowledge delivery to a team of interns and attachés, sharing best software development practices and mentorship.

### June 2023 – Aug 2023

#### Team Software Developer • Safaricom PLC (Safaricom SDGs Design Challenge) - Remote

- The project achieved 2nd Runners Up in the competition, showcasing effective problem-solving and technical skills.
- Led the development as the sole developer on the team for Africa's biggest sustainability innovation challenge, in partnership with MK-Africa and Safaricom PLC.
- Developed the GreenTech Collectors System, a solid waste management solution using the MERN stack that aligned with SDGs.

### Jan 2023 – Aug 2023

#### Project Innovator & Software Developer • Google (2023 Google Solution Challenge) - Remote

- Identified a gap and designed a MERN stack solution aligned with Sustainable Development Goals (SDGs).
- Developed the solution, including all necessary documentation, and achieved recognition as a global top 100 finalist in the Google Developer Student Clubs (GDSC) 2023.

### Jan 2022 – Apr 2022

#### Attaché • Kenya Meteorological Department - Nairobi, Kenya

- Gained practical experience in numerical weather modelling, including grid analysis, visualization, troubleshooting, and development in Linux and python.



Nairobi



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<https://github.com/LONGMANKE>

EDUCATION

Software Engineering, Holberton School, September 2023 – Present

Bachelor of Science in Computer Science, Machakos University, September 2018 – April 2023

AWS Certification - Cloud Practitioner, Azubi Africa, February 2023 – April 2023

Entrepreneurship and Business Development, United States International University (Cyber Shujaa), January 2023 – August 2023

KCSE Certificate, Nyahururu High School, February 2014 – November 2017

TECHNOLOGIES

Programming Languages - Python, JavaScript, C#

Frameworks - React.js, React Native, Node.js, .NET

Database Management - PostgreSQL, MySQL, MongoDB

ERP Systems: Odoo customization

COMPETITIONS AND CHALLENGES

- Google Developers Club (GDSC)
- Project Title: Waste Collection Management System.
  - Duration: Jan 2023 - Aug 2023
  - Rank: Global top 100.
  - Verification link: <https://developers.google.com/community/gdsc-solution-challenge/winners>
- Safaricom SDG's Design Challenge (MyLittleBigThing Challenge)
- Project Title: GreenTech Collectors.
  - Duration: May 2023 - Aug 2023
  - Rank: 2nd Runners Up
  - Team Role: Software Developer and Graphics designer
  - Verification link: <https://mylittlebigthing.com/>

REFERENCES

Mr. PHINOUS OTHOO	Dr. ERICK OМУYA	Mr. MESHACK CHERUIYOT
Principal Meteorologist; Kenya Meteorological Department Instructor, Institute for Meteorological Training and Research,	Senior Lecturer; CIT Department Chairman, Machakos University P.O Box 136 - 90100, Machakos	AWS instructor and TechOp, Azubi Africa and eMobilis Technology Training Institute
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