

Samuel Makanjuola

Glasgow, UK | bidmak4sure@yahoo.com | +447366673338

samuelbidmak.com/ | linkedin.com/in/samuel-makanjuola-8118a0212/ | github.com/bidmak

I'm skilled in various programming languages and frameworks, demonstrating a track record of delivering top-tier software solutions. Possesses robust problem-solving abilities and a commitment to ongoing learning.

Technical Profile

Experience: Search-based software engineering, Big Data, UI/UX, Web/Mobile development, and Machine Learning.

Technologies: Python, Django, JavaScript, React, Next.js, Express.js, HTML, CSS, Git, Kotlin, Jetpack Compose.

Database Management: MySQL, PostgreSQL, MongoDB.

Projects and Research

Cardiovascular health app - *User-centric design*

- I designed an app for proactive cardio health management, focusing on user research and iterative prototyping.

Text detection and recognition system - *Experimental research*

- I researched text detection and recognition techniques using a dataset of 9 million images covering 90k English words, including training, validation, and test splits.

Analysis of cardiovascular diseases - *Data analysis*

- I performed data analysis on a dataset of 70,000 records to investigate cardiovascular diseases, identify major risk factors, and recommend preventive measures.

Auction marketplace - *Web development*

- I developed a user-friendly auction website with advanced features for seamless buyer-seller interactions.

Fitness Activity Mobile App - *Mobile development*

- I developed a Kotlin fitness app with goal tracking, manual activity logging, and historical data management to enhance mobile development skills.

Education

Master of Science: Advanced Software Engineering

University of Strathclyde - Glasgow, UK

01/2023 – 01/2024

Bachelor of Science: Mechanical Engineering

Lagos State University - Lagos, Nigeria

09/2012 – 12/2017

Senior School Certificate

Great Heritage College – Lagos, Nigeria

09/2005 – 09/2011

Work History

Junior Software Developer

Outcess Solutions Limited

09/2021 – 01/2023

- Collaborated with senior developers and team members on project tasks.
- Worked closely with team members to understand the cause of defects and provide optimal solutions.
- Contributed to developing back-end processes in Python that support front-end applications, focusing on data management, processing, and analytics.
- Gained hands-on experience with various programming languages and technologies.

System Engineer

MainOne

02/2018 - 09/2021

- Analyzed user requirements and translated them into system specifications.
- Worked with team members including software engineers to obtain data and storage requirements and deliver solutions to meet business needs.

Certificates: IBM Cloud Computing - <https://courses.edx.org/certificates/7fc8ab3af0eb4450bba34e7b9d6677ca>