BLEVINE TREVOR WANJALA

blevinetrevor@gmail.com, +254722296937, Nairobi.

Innovative software engineer skilled in Android app development and designing electrical control systems. I've developed a portable, complementary voting system software that was nominated for adoption by Kenya's IEBC and also came up with the existing plant control system for KenGen's Kipevu station 3.

Work Experience

Android App Developer

Sololearn Online Learning Platform - Nairobi
August 2022 to Present

- Utilized Firebase to store and retrieve data, resulting in improved app performance and reliability
- Implemented automated build processes that reduced development time by 45%
- Leveraged the Android SDK to create custom views and animations, enhancing the user experience

Electrical Internship

Kenya Electricity Generating Company (KenGen) PLC - Mombasa
April 2022 to September 2022

- Repaired and maintained electrical systems and components, including motors, controllers, and switches
- Designed and implemented an improved plant control system using PLC and SCADA softwares like SIMATIC WinCC

Education

Bsc. in Electrical and Electronics Engineering

The University of Nairobi - Nairobi
September 2018 to September 2023

Kenya Certificate of Secondary Education in Secondary Education

Alliance High School - Kikuyu
February 2014 to November 2017

Skills

- Computer hardware and software troubleshooting, Computer Networks
- Control System (SCADA)
- Programming languages: Python, C++, Kotlin, HTML
- Project leadership
- Excellent communication skills

Links

https://github.com/BravoTrevor

https://www.linkedin.com/in/blevine-wanjala-4272a5202/

https:// www.sololearn.com/profile/11015966

https://leetcode.com/u/bravo_trevor/

Certifications and Licenses

Java Certification
April 2019 to Present

• Acquired in-depth knowledge of core Java concepts, including object-oriented programming, data structures, and algorithms
• Demonstrated proficiency in using popular Java frameworks, such as Google Web Toolkit, to develop robust and scalable applications

AWS Certification
October 2023 to Present

• Proficient in using a wide range of AWS services, such as EC2, S3, RDS and Lambda to build and manage cloud applications.
• Knowledgeable about AWS security best practices, IAM (Identity and Access Management), and compliance standards, ensuring secure clouddeployments.

SQL certification
March 2021 to Present

• Familiarity with various SQL dialects (e.g., MySQL, PostgreSQL, SQL Server, Oracle) and the ability to adapt SQL skills to different database systems
• Knowledge of data modeling concepts and the ability to create Entity-Relationship Diagrams (ERDs) for database design.

Web Developer with Angular
October 2023 to Present
• Awareness of web accessibility standards (WCAG) and best practices to ensure web applications are accessible to all users.
• Experience in integrating Angular applications with RESTful APIs to fetch and display data from back- end services.

References

1. Nelson Barasa, Professor of Mechanical Engineering, University of Nairobi.
Email: nelsonlyton@gmail.com, Phone: +254 728794548

2. Edwin Mukhebi, AI engineer consultant, Market ForceInformation.
Email: edwin.mukhebi@gmail.com, Phone: +254 724390603

3. Dr. Abraham Nyete, A.g Chairman, Dept. Electrical and Information Engineering
Email: dept-elec@uonbi.ac.ke, Tel: 020-4913524