# JOHN NYAMWEYA

## ENTRY-LEVEL DEVELOPER | COMPUTER SCIENCE STUDENT

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I'm a Computer Science student with a strong foundation in coding, problem-solving, and data science. Proficient in several programming languages, including Java, Python, and C++, I'm passionate about developing software, mobile applications, and analyzing data to extract meaningful insights. I'm eager to apply my skills in real-world projects, while continuously learning and adapting to new technologies. A collaborative team player, I'm always ready to take on challenges and deliver impactful solutions.

## EXPERIENCE

**JAN_2024 - PRESENT**

### FREELANCE MOBILE APP DEVELOPER

In my practice, I developed several Android applications to suit the needs of localized businesses with a distinct focus on the usability and functionality of the product developed.
Utilized Java, Firebase, and RESTful APIs to build and deploy apps that helped to foster more client-customer relationships for the clients.

**SEP_2023 - PRESENT**

### PERSONAL PROJECTS

**Carbon Footprint Tracker App**: Designed an app that helps users track and reduce their carbon footprint. Technologies used: Java, Firebase, Android Studio.
**Data Analysis Tool**: Built a Python tool to analyze datasets and generate visual insights, showcasing skills in data manipulation and visualization.
**Personal Portfolio Website And App**: Created a portfolio to display coding projects and achievements, using HTML, CSS, and JavaScript.

## EDUCATION

**DECEMBER 2027**

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE, MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY

Pursuing a BSc in Computer Science, with a strong focus on software development, data science, and mobile applications. Gaining practical experience in coding, problem-solving, and building real-world projects using languages like Java, Python, and C++, while continuously deepening my knowledge of algorithms, databases, and emerging technologies..

**DECEMBER 2022**

### MOBAMBA HIGH SCHOOL

Focused on core subjects including Mathematics, Physics, and Computer Science, building a strong foundation for my studies in Computer Science.

## SKILLS

- **Data Science & Tools:** Python (Pandas, NumPy), Jupyter Notebooks, Data Visualization (Matplotlib, Seaborn)
- **Database Management:** SQL, MySQL
- **Programming Languages:** Java, Python, C++, React
- **Other Skills:** Problem Solving, Debugging, Agile Development, Collaboration
- **Mobile App Development:** Android Studio, Java, Firebase

## ACTIVITIES

**Active Member**, Google Developer Groups (GDG)
Actively participates in tech meetups, workshops, and hackathons organized by GDG, focused on expanding knowledge in software development and emerging technologies.
**Member**, Health IT Club
Contribute to discussions and projects related to technology in healthcare, working on initiatives to improve health systems through innovation and technology.
**Peer Tutor**, [Computer Science Department]
Helped fellow students understand programming concepts, debugging techniques, and project development, strengthening my own skills in the process.