# **GREGORY ONYANDO**

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**PROFESSIONAL SUMMARY**

Junior software engineer with two years of experience, seeking an attachment opportunity to apply and enhance skills in software development. Proven track record of success in designing, developing and testing applications. I am a team player, hardworking and punctual.

**EXPERIENCE**

**Student Software Engineer - Kisii University2023 - Present**

**Stock Trading React App**

* Programmed a Stock Trading Application using React for the frontend, with Finnhub API as the primary source for historical stock data.
* Crafted an intuitive user interface, allowing users to seamlessly log and track their stock trading activities.
* Utilized local storage for efficient handling of transaction logs and performance metrics.
* Implemented a personalized dashboard, persistently storing essential data locally.
* Leveraged Apex Charts to create visually appealing and interactive stock performance visualizations.
* Conducted extensive user testing sessions, incorporating valuable feedback into feature enhancements and contributing to a notable 20% increase in user engagement

**Student Software Engineer - Kisii University2023 – Present**

**Movie recommendation system**

* Engineered a foundational movie recommendation system leveraging Python and collaborative filtering methodologies.
* Processed a representative movie dataset obtained from online repositories, performing data cleaning and preprocessing for analytical purposes.
* Employed collaborative filtering algorithms to offer personalized movie suggestions grounded in user viewing patterns and preferences.
* Conducted a comprehensive assessment of the recommendation system, measuring its effectiveness through precision and recall metrics.
* Implemented visualizations to vividly portray the system's impact on user interactions, enhancing the overall movie-watching experience.

**Student Software Engineer - Kisii University2023 - Present**

**Glitch Project**

* Developed and maintained a responsive Productivity management website for optimal user experience using JavaScript, firebase Figma, and React. The software tracks personal and team daily tasks while keeping them up to date.
* Implemented user authentication, gamification elements and a touch of AI. This was to ensure the security for user data, and gamification to bring the element of motivation while using the software to enhance user experience.
* Designed the software, using Figma, with the latest Google material design formula for software design.

**SKILLS**

Python, Java, JavaScript, Data analysis, Machine learning, MongoDB, React, Touch typing, Web development.

**EDUCATION**

**Bachelor of Science in Software Engineering 2021 - Present**

Kisii University

**CERTIFICATIONS**

* **Software Engineering**, App Academy – 2023
* **Data Science**, Kaggle - 2023

**VOLUNTEER WORK**

* Interviewed developers in Google Developers Group Fest, Kisii. **4/11/2023**

**REFERENCES**

* References available upon request.