**CLEMENT NDIMUANGU**

Dallas, TX | 301-793-5217 | [ndiclementkinyui@gmail.com](mailto:ndiclementkinyui@gmail.com) | [LinkedIn](http://www.linkedin.com/in/clement-ndimuangu) | [GitHub](https://github.com/KINYUI1) | [Portfolio](https://clement-kinyui-ndimuangu.netlify.app/)

**SOFTWARE ENGINEER**

Results-driven, passionate software engineer with 3+ years of experience in designing, developing, testing, and maintaining web apps with proficiency in Python, Java, JavaScript, and PostgreSQL. Successfully Implemented robust backend solutions with Java, Express.js and Node.js for my personal online platforms, resulting in a 20% reduction in load times, enhancing overall performance.

TECHNICAL SKILLS

**Languages**: HTML, CSS, JavaScript, Java, Python, My SQL, Mongo DB, TypeScript, PostgreSQL.

**Frameworks and Libraries**: React.JS, Node.JS, Express.JS, Json, Spring Boot, Spring Security, Spring data JPA, Spring MVC, Hibernate, AJAX, Docker, Selenium, Maven, Microservices, Junit, Apache Tomcat.

**Technologies and Tools**: Git, Jira, Visual Studio Code, GitHub, Eclipse, IntelliJ, AWS, Microsoft Office, Agile SDLC, UI/UX.

**Certifications**: Professional Scrum Master I & II, Professional Agile Leadership, SAFe Scrum Master.

PROJECTS

**Unsplashed Image Search.** [**GitHub**](https://github.com/KINYUI1/Unsplash-image-search) **|** [**Demo**](https://usplash-image-search.netlify.app/) | React JS, CSS, React Query, Axios

* Leveraged a tech stack including @tanstack/react query, ReactJS, and Axios to create a dynamic and responsive image search platform, integrating seamlessly with the Unsplash API. The use of React-Dom ensured efficient rendering of components, while react icons enhanced the user interface with visually appealing and intuitive icons.

EDUCATION

**Associate degree in Agricultural Engineering | University of Bamenda |** August 2021

EXPERIENCE

**Software Engineering Trainee** | **PER SCHOLAS, INC** | Dallas, TX | June 2023 to September 2023

* Spearheaded the innovation, development and maintenance of responsive and scalable web applications using Java Spring Boot, NodeJS and React in an agile development environment, resulting in a 25% improvement in our final projects at Per Scholas and earning me the valedictorian award.
* Implemented robust backend solutions with Java, Spring boot, Express.js and Node.js, kept attention to details while designing RESTful APIs that facilitated a 20% reduction in load times, enhancing overall performance and user experience.
* Successfully implemented authentication and authorization features using software engineering best practices, leading to a 30% increase in user data security within the web applications while maintaining CI/CD pipeline.
* Utilized MongoDB and PostgreSQL database for efficient data storage, data processing and data retrieval, achieving a 15% improvement in data handling efficiency and ensuring optimal performance in dynamic educational environments.
* Integrated third-party packages and libraries, leveraging tools such as Redux for state management in React applications, resulted in a 20% enhancement in the overall stability and maintainability of the web ecosystem.
* Collaboration with cross-functional teams, including designers, developers, trainers, and assistance trainers, to understand project requirements and deliver high-quality features on time, contributing to the success of our training at Per Scholas while improving commitment and communication skills among the team members.

**Full Stack Software Engineer** | **INDEPENDENT** | Dallas, TX | November 2021 to June 2023

* Attained comprehensive proficiency in Java, Python, HTML, CSS, and JavaScript and emerging technologies through self-directed learning, resulting in a 20% acceleration in code implementation and a 15% increase in project delivery efficiency.
* Implemented responsive software designs and web applications using HTML, CSS, JavaScript, and other Front-End technologies, incorporating React.js, leading to a 25% improvement in user engagement and a 20% enhancement in overall user satisfaction.
* Applied Java programming skills to develop robust backend solutions, achieving a 30% reduction in server response time and contributing to a 25% improvement in the scalability of web applications and improving my problem-solving skills.
* Leveraged a tech stack including @tanstack/react query, ReactJS, and Axios to create a dynamic and responsive image search platform, integrating seamlessly with the Unsplash API. The use of React-Dom ensured efficient rendering of components, while react icons enhanced the user interface with visually appealing and intuitive icons.
* Constructed a secure and scalable E-commerce API foundation using Bcrypt.js, CORS, and Express, integrating JsonWebToken for authentication, Helmet for enhanced security, and Express-Rate-Limiter to prevent abuse. Implemented Mongoose for MongoDB integration, Cookie-Parser for handling cookies, and Validator with express-mongo-sanitize for robust data validation. Integrated XSS-clean to protect against cross-site scripting and employed Morgan for detailed request logging in the E-commerce API.