

# Nyarika Kemo Sonko

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## SUMMARY

**Student-athlete** on Simon Fraser University's **men's basketball team (NCAA DII)**, and accustomed to **being in a competitive atmosphere** and **working hard** to achieve goals, while utilizing excellent **time management skills**. Experienced Product Manager, Software and Quality Assurance Developer, Mobile developer, adept in bringing forth **expertise in specification, design, installation, testing and maintenance** of software systems. Able to effectively **self-manage** during independent projects, as well as **collaborate** as part of a productive team. **Highly organized**, and **skilled in written and verbal communication**. **Adaptable** to different situations and comfortable with people from different walks of life, from living in 5 countries and being exposed to multiple cultures.

## SKILLS

**Programming:** Java, Spring boot, JavaScript, TypeScript, Node.js, React.js, React-native, ES6, Redux, Express, HTML, CSS, SQL, PostgreSQL, JSON  
**Testing and CI/CD:** Selenium, Cypress, Jest, Junit, Nightwatch, Test Driven Development, Continuous Integration/Continuous Deployment (CI/CD), Debugging  
**Cloud and Infrastructure:** Amazon Web Services, IAM, Google Firebase, AWS CDK, Terraform, Docker, REST API, Microservices, Kubernetes, HTTP, TCP, UDP  
**Tools and Platforms:** Linux, XCode, Android Studio, Source control (Git), Google Admob, Postman, VS Code, JIRA, Notion, HubSpot, Confluence, Rudderstack, Mixpanel, FullStory  
**Soft Skills and Methodologies:** Agile and Scrum, Software Development Life Cycle, Data Structures, Algorithms, Communication, Critical Thinking, Leadership, Teamwork  
**Languages:** Native English Speaker, Native French Speaker

## EXPERIENCE

### Software Development Engineer Intern

**Diligent** **September 2023 – Jan 2024, Vancouver**  
• Built features for our customers as well as internal tools using the latest front end and web frameworks, all running on AWS infrastructure  
• Developed infrastructure as code using Terraform/CDK for repeatable and consistent deployments  
• Participated in code reviews, pair programming, and design sharing sessions to maintain and grow knowledge and quality standards.

### Software Engineering Intern

**Apollo Insurance** **September 2022 - May 2023, Vancouver**  
• Collaborated with cross-functional teams to design, develop, and implement new features for the company's insurance products and services.  
• Assisted in the maintenance and troubleshooting of existing software systems, including identifying and resolving bugs and implementing performance enhancements.  
• Installed and configured analytics tracking tools on a new policy portal to capture data on user interactions and system performance  
• Individually developed and deployed a self-serve SMS bot to provide customers with policy information, magic links for payments and policy updates; used by an average of 500+ customers weekly.

### Quality Assurance Developer Intern

**Later** **May 2022 - August 2022, Vancouver**  
• Designed, developed, and executed test cases in an agile setting through the software development cycle.  
• Managed the testing process for a new feature in every sprint, overseeing end-to-end UI testing, leading the test-sprint, and ensuring all edge cases were covered before green-lighting release  
• Developed a new image uploading testing system and presented it to the team, solving a long-standing issue that the team had been struggling with for years.

### Product Manager Intern

**Wenso Ltd** **May 2021 - September 2021, Dubai**  
• Assisted in all processes from concept to market.  
• Successfully prioritized product requirements and set realistic expectations in regards to development and timeline.  
• Developed relationships with partners and users to drive content and opportunity for the new platform.

## FEATURED PROJECT

More on: [kemosonko.com](https://kemosonko.com) and [github.com/kemold](https://github.com/kemold)

### Mobile App - RoomTree

June 2022 – Present • <https://roomtree.app>  
• Conducted initial research to assess feasibility, viability, and profitability of a roommate and room/suite sublet finder app called RoomTree.  
• Developed the UI/UX design of the app, including the selection of a theme, layout, and style, to create a user-friendly and engaging experience.  
• Individually built the RoomTree app using React Native and Firebase, and integrated key functionalities, such as Google Places Autocomplete and Google Maps, to enhance user experience and optimize functionality.  
• Successfully secured a trademark for RoomTree and published the app on the IOS app store, and preparing to submit it on the android play store.

## EDUCATION

### Bachelor of Science in Computing Science

Simon Fraser University • British Columbia, Canada • 2019 - 2024(Expected)

## INVOLVEMENT

### Volunteer Coordinator

**Heeno International** **February 2011 – Present, Africa**  
Organized meals, medical provisions, fundraisers, and donations throughout multiple projects in Ivory Coast, Sierra Leone, Gambia, Mauritania, Guinea, Morocco, and Ghana; and helped 500+ people.

### Community Advisor

**SFU Residence and Housing** **August 2022 - Present, Burnaby**  
• Fostered the development of relationships among 33+ residents each semester.  
• Planned and implemented programs to assist students in transitioning to campus and building new relationships.  
• Counseled and advised students on academic and personal questions and concerns.

## AWARDS

### Mahatma Gandhi Student Award

Simon Fraser University Institute for Humanities and Thakore Charitable Foundation • 2019

I received the Mahatma Gandhi Student Award during my time as a post-secondary student at SFU. This recognition celebrates my demonstrated commitment to community service and leadership through my impactful contributions to Heeno International.