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** and **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 • Sep 2019 - Apr 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.
• Counselled 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.