

SIMON NJAU

FULLSTACK DEVELOPER

With 3+ years experience, I bring a full-stack development skillset to the table, allowing me to craft user-friendly and interactive products. I'm a fast learner who thrives on mastering new technologies. Whether collaborating in a team or working independently, I excel in both environments. My passion lies in building scalable distributed systems and continuously enhancing the user experience of the products I create.

CONTACTS

Phone: +254706338454
Website: www.simonnjau.com
Email: njauprince@gmail.com
Github: <https://github.com/njau58>
Behance: <https://www.behance.net/simonnjau>
LinkedIn: <https://www.linkedin.com/in/njau58/>

KEY SKILLS

Coding
Debugging
Front-end Architecture
Basic UI/UX principles
Performance Improvement
Best practices (React-Nexjs)
Feature Implementation
Webpage Optimization
SEO

TECHNICAL SKILLS

Languages:
JavaScript
Typescript
CSS
HTML
Libraries & Frameworks

EXPERIENCE

FULLSTACK DEVELOPER

Nov 2023 - Present

Kar Hire™
Nairobi, Kenya

- Architecting and maintaining Kar Hire core system, both frontend and backend.
- Modelling the flow of data for backend, using modern state management tools for the client specifically redux toolkit query increasing application performance by 80% as a result of inbuild caching mechanism offered by the library.
- Determined the structure and design of web pages based on user requirements and balance between functional & aesthetic designs with an accuracy of 100%.
- Architecting web security mechanisms such enabling Cross site sharing(cors), protecting routes using json web tokens for relevant requests and content security policy (CSP) to prevent cross-site scripting (XSS) increasing development of secure web application by 80%.

STACK: Typescript, NodeJS, Express, MongoDB, Mpesa Express, React&Vite, React Router, React Toolkit Query, TailwindCSS, GIT VCS.

Tailwind CSS

Bootstrap

Material UI

ReactJS

NextJS

Express

Payment Integrations:

Mpesa daraja 2.0

APIs:

Rest,

GraphQL

ODM & State Management:

Redux, Redux Toolkit, Context-API, React Query, Apollo Client, React Toolkit Query

Design Tools:

Figma

STARTUP PROJECTS

[Car Rental App \(In progress\)](#) 

[Survey Consultants Website](#) 

[Online Book Store \(M-PESA pay\)](#) 

[Real Estate Website \(MPESA pay\)](#) 

[Solar Company landing page](#) 

[Survey Company Landing Page](#) 

[Online-shop \(Apex Surveyors\)](#) 

[Open-AI Description Generator](#) 

[Ricky & Morty](#) 

FULLSTACK DEVELOPER

Feb 2022 - Present

SoftleafApplications

Nairobi, Kenya

- Interpreted user requirements, designed wireframes and prototypes in figma with an accuracy of nearly 100%.
- Translated designs & wireframes into high-quality code while writing application interface code via JavaScript following React.js workflows, Nextjs, tailwindcss and framer-motion (for animations) among other modern web technologies increasing user engagement by 40% across applications.
- Modelled the flow of data in the client using modern state management tools such as redux increasing application performance by 80%.
- Determined the structure and design of web pages based on user requirements and balance between functional & aesthetic designs with an accuracy of 100%.
- Reviewed application requirements and interface designs to ensure compatibility with existing applications in cases of integrations.
- Performed server administration by enforcing policies, and optimizing resources to cap client`s yearly budget at 85%.
- Designed Restful APIs ensuring optimal performance.
- Tested and consumed APIs from the backend and ensured data is safely handled.
- Optimized components for maximum performance across a vast array of web-capable devices and browsers raising positive feedback from users by nearly 90%.

- Analyzed programs and apps to improve their features and functionalities.
- Tested & debugged programs and fix any reported bugs from clients.
- Modelled the flow of data in the client using modern state management tools such as redux and apollo client.
- Build reusable code for future use and optimize web pages for maximum speed and scalability
- Worked with projects team to refine requirements, define deliverables, milestones and sign off projects eliminating scope creep and increasing the speed of delivery by 30%.

WEB DEVELOPER

Jan 2021 – Jul 2022

Freelance

Nairobi, Kenya

- Designed and developed user interfaces for web-based applications using ReactJS, NextJS, Tailwind CSS, and TypeScript. Created components that are visually appealing, intuitive, and responsive, while ensuring the user experience is optimized.
- Integrated backend services into the user interface. Created API calls and integrating data sources into the application and ensuring the data is properly handled and displayed.
- Developed and implemented a new UI component library, reducing development time for future projects by 20%.
- Successfully migrated some client's website to a new framework (Nextjs/React), ensuring a smooth transition and improved maintainability, decreased page load time and improved SEO.

SOFTWARE DEVELOPER INTERN

Feb 2019 – Dec 2020

Afya Research Africa
Kenya

Nairobi,

- Worked with development teams to ideate software solutions
- Assisted the Senior Developer in designing and developing custom web applications throughout the project life-cycle
- Developed and managed well-functioning databases observing best practices
- Build the front-end of applications through appealing visual design
- Identified, prioritized and executed tasks in the software development life cycle

Education

Bachelor of Science in Computer Science
2016-2019

St Paul's University, Nairobi, Kenya **BSC**

