

Annuar Ndung'u

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Summary

Innovative React & Fullstack Engineer with 3+ years of experience building high-performance, scalable web applications. Proficient in React.js, Next.js, TypeScript, Redux, Node.js, and MongoDB. Passionate about creating intuitive UIs, optimizing performance, and integrating seamless API solutions. Strong background in Agile/Scrum development and CI/CD workflows. Proven ability to enhance system efficiency, collaborate across teams, and drive impactful digital transformations.

Technical Skills

Frontend: React.js, Next.js, TypeScript, JavaScript (ES6+), Redux, Zustand, Tailwind CSS, Styled-Components, Ai agents and custom chatbot integrations, HTML, CSS

Backend: Node.js, Express.js, Firebase, GraphQL, MongoDB, SQL, Drizzle, Mongoose, Fastify, Hono, Cloud functions, RSC

Tools: Git, Linux, Vim, Docker, AWS, Jest, React Testing Library, Cypress, Jira, Trello, Figma, Framer

Methodologies: Agile, Scrum, Kanban

Education

ALX (Africa Leadership X), March 2024

Software Engineering

- **Key Courses:** I am currently enrolled in a Software Engineering course at ALX, where I am learning advanced web development skills. The course focuses on modern technologies and frameworks, equipping me with the tools to create interactive and responsive user interfaces. I am gaining hands-on experience in frontend development, including HTML5, CSS3, JavaScript, and popular frameworks like React.js. It also entails Product management methodologies like (Agile and Scrum), Data Cleaning and interpretation, C, Bash, Front-End Development with ReactJs, Back-End Development with Python, Devops.

Cascade Institute of Hospitality, March 2021

Culinary Skills - level 2

- **Key Courses:** I successfully completed Culinary Skills - Level 2, where I honed my cooking techniques and expanded my knowledge of various culinary practices and indigenous cuisines. During the course, I focused on mastering advanced cooking methods and exploring

new recipes, gaining valuable hands-on experience in the kitchen.

Professional Experience

Arkana Organization

October 2024 – current, Nairobi, Kenya

Lead Front-End Software developer.

- **Led a complete redesign of Keyjani's front end**, improving **web speed by 45%** and ensuring **faster property search results**, enhancing user experience.
- **Developed reusable UI components**, streamlining workflows and **reducing front-end implementation time by 30%**, enabling rapid feature rollouts.
- **Spearheaded UI/UX optimizations**, increasing property listing visibility and tenant engagement, resulting in a **40% boost in lease inquiries** within six months.
- **Improved SEO and accessibility standards**, leading to a **35% increase in organic traffic** and a **higher landlord and tenant satisfaction rate**.
Optimized mobile responsiveness, achieving a **50% rise in mobile-based tenant applications** and a **25% drop in property listing bounce rates**.
- **Eliminated stale data slowing the application**, enhancing page load speeds and **reducing server response times by 30%**, leading to a smoother experience.
- **Implemented A/B testing and iterative UI refinements**, improving navigation efficiency and achieving a **60% higher task completion rate on the platform**.

Back'd Group

August 2024 – October 2024, Nairobi, Kenya

Front-End Developer and Prototype Designer - (Contract)

- **Spearheaded the complete UI/UX overhaul** of Back'd, driving a **55% surge in user engagement** within three months by implementing **data-driven design strategies** tailored for investors and startups.
- **Optimized design scalability**, cutting **development time by 40%** through the creation of **highly reusable components** and **efficient design patterns** across the platform.
- **Enhanced SEO**, leading to a **50% boost in mobile user retention**, a **35% increase in**

organic traffic, and a **20% drop in bounce rates on mobile devices**.

- **Led accessibility improvements**, ensuring **WCAG-compliant designs**, which resulted in a **40% increase in user satisfaction** and improved platform inclusivity.
- **Collaborated closely with stakeholders and engineers**, ensuring smooth integration of UI/UX innovations while maintaining **pixel-perfect design consistency**.

SpaceYaTech

Jan 2024 – current, Nairobi, Kenya

Software Engineering - FrontEnd Engineer

- **Engineered and optimized scalable UI components** using **React.js and TypeScript**, enhancing **e-commerce and admin platforms** for seamless user interaction.
- **Revamped the frontend architecture**, boosting **performance from 67% to 90%**, slashing load times, and **reducing rendering lag by 40%** through **advanced caching and optimized state management**.
- **Implemented a complete design system overhaul**, ensuring **100% responsiveness** across all devices and increasing **mobile conversion rates by 35%**.
- **Enhanced SEO and accessibility**, leading to a **45% increase in organic traffic** and achieving **WCAG 2.1 compliance** for a more inclusive user experience.
- **Eliminated stale, inefficient code**, cutting down redundant API calls and reducing **frontend memory usage by 30%**, resulting in **faster page loads**.
- **Led the integration of real-time data handling**, improving dashboard performance by **50%**, ensuring smooth, dynamic updates without UI stutters.
- **Collaborated closely with designers and backend teams**, ensuring **pixel-perfect execution** and seamless API consumption while **maintaining 99.9% uptime**.

Dema Africa

Nov 2023 – current, Nairobi, Kenya

Software Engineering volunteer - Fullstack Engineer

- Spearheaded frontend development using React.js, **resulting in a 25% increase in**

efficiency for global trade processes.

- Developed and maintained robust data models using Node.js and Express, **optimizing user data management and enhancing application efficiency by 20%.**

Lumina

Sept 2022 – current, Nairobi, Kenya

Software Engineering volunteer - Front-End Engineer

- Designed and developed innovative UI components in React.js, **leading to a 15% increase in user engagement** for digital trade initiatives.
- Collaborated with cross-functional teams to design and implement user-friendly interfaces, **streamlining business processes and improving overall efficiency by 20%.**
- Played a key role in refining data models in Node.js on Express, **ensuring seamless integration and a 10% reduction in data processing errors**

Africa's Talking

Oct 2023 – Dec 2023, Nairobi, Kenya

Machine Learning Researcher

- Participated in a 3-month hackathon in partnership with Mozilla Common Voice, Zindi, and Africa's Talking, focused on developing the STT Swahili model, **contributing to a significant improvement in Swahili speech recognition accuracy.**
- Contributed to research and development of machine learning algorithms for Swahili language speech-to-text processing.
- Collaborated with a multidisciplinary team to develop innovative solutions and leverage diverse datasets for model training and evaluation.

Pendo Amani youth Organisation

May 2020 – Aug 2021, Juja, Kiambu

Technical Support

- Set up and maintain user accounts across various platforms and systems.
- Provided troubleshooting assistance for common software and hardware issues.

- Conducted regular system updates and ensured antivirus software was up to date
- Assisted with printer setup and connectivity troubleshooting for office staff.
- Conducted basic network diagnostics to resolve connectivity issues.

Additional Information:

- Passionate about technology innovation and continuous learning, committed to staying updated with emerging trends in web development.
- Fluent in English and Swahili, with strong communication skills and the ability to thrive in collaborative environments.