

Kyalo Kitili

kyalo.blog

Nairobi, Kenya

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Experience

- Full Stack Developer****Ninjabet.it, Remote (EU/Italy)****Mar 2024 - Present**
 - Architect, design, develop, deploy, and maintain a scalable sports betting platform using a modern tech stack that supports approximately 500k users.
 - Optimize front-end architectures to develop scalable and maintainable codebases and craft seamless user experiences using React.js, Astro.build, Zustand, TailwindCSS, etc.
 - Integrate APIs by connecting front-end components with back-end services using RESTful and GraphQL APIs and Python (API/Rest/Django).
 - Develop back-end services in Django on top of MySQL databases.
 - Conduct code reviews and mentor junior developers to maintain high-quality code standards.
 - Deploy and manage applications on the AWS cloud platform, ensuring scalability, performance, and security.
 - Implement testing strategies to deliver high-quality, bug-free code.
- Product Engineer****Akili Ventures Inc, Remote (US, Poland)****Nov 2022 - Jan 2024**
 - Spearheaded feature development for a fintech application, focusing on web interfaces with React.js and mobile applications using React Native/Expo.
 - Engineered robust APIs in the backend using Node.js.
 - Successfully implemented extensive offline support features, significantly improving app resilience and user experience.
 - Conducted comprehensive bug identification and resolution, ensuring smooth application performance and user satisfaction.
 - Developed an additional product by integrating Shopify APIs and Google Pub/Sub for enhanced functionality.
 - Led the complete development of Android applications leveraging React Native, Tailwind CSS, and Firebase.
 - Actively participated in candidate screening processes for recruitment.
- Frontend Engineering Consultant****AEROMETREX, Remote (Australia)****Dec 2021 - Oct 2022**
 - Developed features for and maintained a web-based mapping and data visualization platform.
 - Learned and contributed using Angular.io, despite initial lack of experience.
 - Implemented a new, complex user interface for a mapping application.
 - Collaborated with product managers, designers, and backend developers.
 - Authored and updated technical documentation, and enhanced test coverage to over 75%.
 - Mentored and trained junior front-end engineers, fostering team skill development.
 - Assisted in triaging and resolving critical bugs, ensuring platform stability.
 - Delivered key features and enhancements, boosting platform performance and usability.
- Software Engineer****TrendPro Systems Ltd, Nairobi, Kenya****Jan 2015 - Oct 2021**
 - Founded trendpro.co.ke, a web and mobile apps development and design company in Nairobi, Kenya.
 - Worked with clients to formulate specifications for features/products.
 - Handled the design, front-end architecture, development, code review, and testing of web and Android applications.
 - Developed and shipped web and mobile applications (React and React Native experiences/applications), from UI to services.
 - Ensured that non-functional requirements such as security, code reuse, and performance (especially hunting down/preventing memory leaks from React/React-Native components & ensuring PWA lighthouse score is above 90%) are considered when developing web solutions.
 - Collaborated with team members, stakeholders, and customers' development teams to help beat product launch deadlines.
 - Managed projects from concept to production, including proposal, discussion, and execution.
- Frontend/Mobile Developer****Lori Systems, Nairobi, Kenya****Mar 2019 - Dec 2019**
 - Spearheaded the front-end development of a key internal web application using React.js, ensuring efficient, user-friendly interfaces.
 - Led the development of a client-facing Android application with React Native, focusing on responsive and intuitive design.
 - Collaborated closely with the Product Management team to align development goals with business objectives and user needs.
- Software Engineering Volunteer****EBAFOSA, Nairobi, Kenya****Dec 2018 - Mar 2019**
 - Volunteered to develop a climate action web application, EBAgroPamoja, linking actors in the agro-value chain to opportunities and clean-energy solutions for ebafoa.org.
 - Designed, architected, and wrote the front-end of their eCommerce application using React.js with hundreds of reusable components.

Education

Skills

Programming Languages:  JavaScript /  TypeScript,  HTML5,  CSS3,  Python(Intermediate)

Frameworks and Tools: React.js, React Native, Expo, Node.js, Django, GraphQL, RESTful APIs, Firebase, Astro.build, TailwindCSS, Zustand

Cloud Platforms: AWS (Lambda, LightSail, Cognito, S3, Route53, RDS, EC2), Google Cloud (Functions, Pub/Sub), Firebase

Testing and Version Control: Jest, React Testing Library, Git, Pytest(Intermediate)

Databases: MongoDB, Cloud Firestore, MySQL

Languages: English (Proficient)

Certifications

- Divide and Conquer, Sorting and Searching, and Randomized Algorithms - [Coursera](#)
 - Graph Search, Shortest Paths, and Data Structures - [Coursera](#)
 - Greedy Algorithms, MSTs, and DP - [Coursera](#)
 - Graph Theory Algorithms - [Udemy](#)
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