JONATHAN KIPSANG

Software Engineer

React | React Native | Redux Toolkit | TailwindCSS | Webpack | Redux Saga | JWT | TypeScript | Context API |
| Expo Secure Store | Expo CLI | React Native Elements | Expo Vector Icons | MySQL | Express | Laravel | PHP |
JavaScript | React | NodeJS | GraphQL

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PROFESSIONAL SUMMARY

Dynamic and innovative Software Engineer with over 2 years of experience in full-stack and mobile application development. Proficient in creating both web and mobile applications using modern technologies such as JavaScript, TypeScript, React, React Native, NodeJS, and GraphQL. Expert in implementing AJAX for dynamic webpages, RESTful web services, and GraphQL APIs with a strong understanding of the Node.js ecosystem. Adept at developing scalable server-side applications, managing state with Redux, and leveraging third-party APIs for enhanced functionality. Committed to continuous learning and staying updated with the latest industry trends.

Professional Strengths

☑ **Effective Communication:** Skilled at explaining complex technical concepts to both technical and non-technical audiences, ensuring clear understanding and smooth collaboration.

☑ **Problem-Solving:** Adept at identifying issues, analyzing root causes, and implementing efficient solutions to overcome challenges and enhance project outcomes.

☑ **Team Collaboration:** Proven ability to work seamlessly within cross-functional teams, fostering a collaborative environment to achieve shared goals and drive innovation.

☑ **Adaptability:** Quickly learn and adapt to new technologies and methodologies, maintaining productivity and staying current with industry trends.

☑ **Attention to Detail:** Meticulous in code development and testing, ensuring high standards of accuracy and quality in all deliverables.

PROFESSIONAL EXPERIENCE

Mobile Engineer | March to November 2023

AutoLink Limited, Kenya

Key Contributions

☑ Developed custom components using React Native Elements for a consistent and visually appealing user interface.

☑ Maintained a React Native mobile application with high performance and responsiveness using NativeWind and NativeBase UI libraries.

☑ Implemented Redux for state management and deep linking with React Navigation for improved user experience.

☑ Utilized Expo's pre-built APIs for features like camera and location access, enhancing development efficiency.

☑ Built and maintained a RESTful API using Node.js and Express.js, tested with Postman.

☑ Published React Native applications to the App Store and Google Play using Expo CLI (EAS), simplifying the build and distribution process.

☑ Integrated in-app purchases and payment gateways with React Native Payments, and used React Native Vector Icons for high-quality icons.

☑ Wrote automated tests with Jest to ensure functionality and prevent regressions.

Frontend Engineer | June 2022 to January 2023
AutoLink Limited
Key Contributions
- ☑ Developed web applications and APIs using ReactJS and NodeJS.
- ☑ Utilized TypeScript for type checking and static typing, optimizing applications for speed and scalability.
- ☑ Built RESTful APIs with NodeJS and ExpressJS, implemented authentication and authorization using OAuth and JWT.
- ☑ Managed state in web applications with ReactJS and Redux, and conducted performance and load testing.
- ☑ Collaborated with developers and stakeholders to identify and resolve issues.

EDUCATION

Bachelor of Business Information Technology, Second Class Honours Upper Division | 2023
Multimedia University of Kenya, Nairobi

LANGUAGES

- ☑ English - Proficient
- ☑ Swahili - Native

REFERENCES

Otuya Alvin, Lead Developer
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