PETER MAINA MUNYUA

Email: munyuapeter07@gmail.com   *Website*: https://munyua.tech   *Phone*: +254705984772

SUMMARY

Dynamic and forward-thinking Software Engineer with a passion for technology and a knack for continuous learning. Expert in front-end development, specializing in HTML, CSS, JavaScript, Angular, React, React Native, and NodeJS. Proven track record in creating user-friendly, dynamic interfaces and engaging visualizations. Known for enhancing user experiences, optimizing performance, and mentoring team members in cutting-edge development practices. Highly collaborative, bringing innovative ideas and delivering solutions that drive business success.

PROFESSIONAL EXPERIENCE

Senior Software Engineer

Kyosk Digital Services - Nairobi, Kenya

February 2023 - Present

(Stack: Angular, Nx, GraphQL, Rxjs, Angular Material, SCSS, Jest, Docker & Kubernetes)

- Spearheaded the development of dynamic user interfaces using Angular and Angular Material, enhancing user engagement and interaction.
- Pioneered the implementation of micro frontends with Nx architecture, ensuring scalable and modular application components.
- Seamlessly integrated APIs and GraphQL queries, significantly boosting application functionality and user satisfaction.
- Engineered shared libraries and reusable components, streamlining development processes and enhancing team productivity.
- Provided mentorship on advanced micro frontend development practices, elevating the team's technical expertise and project quality.
- Optimized application performance with responsive, fast-loading designs, ensuring compatibility across all devices and browsers.
- Achieved remarkable code reliability with up to 80% code coverage through meticulous unit testing using Jest.
- Revolutionized application performance by implementing lazy loading, slashing load times by 50%.
- Championed best practices in front-end development, leading to improved application stability and user retention.

Senior Software Engineer

SKillcat - Hanover Hermann Park, US

July 2021 - April 2023

(Stack: ReactJS, Redux, Ionic, Tailwind, Jest)

- Designed and implemented cutting-edge hybrid mobile applications with Angular and Ionic, enhancing cross-platform functionality and user reach.
- Developed dynamic, responsive dashboards using ReactJS, Redux, and Tailwind CSS, delivering real-time data visualization and improved user experience.
- Ensured exceptional code quality through rigorous unit testing with Jest, leading to robust and reliable applications.
- Seamlessly integrated RESTful APIs, facilitating smooth and efficient frontend-backend communication and data exchange.
- Collaborated closely with UI/UX designers, creating visually appealing and intuitive user interfaces for mobile and web platforms.
- Boosted application performance by 20% through careful code optimization, enhancing overall user satisfaction.
- Conducted thorough code reviews, maintaining high code quality standards and fostering a culture of continuous improvement.

Senior Software Engineer

Konza Silicon - Nairobi, Kenya

June 2019 - July 2021

(Stack: Angular 2+, Angular material, SCSS, pdfMake, Leaflet.js, Ngrx/Store,, Docker & Kubernetes)

- Led a team of developers, fostering a collaborative and innovative work environment, and driving high team performance.
- Chaired sprint meetings, ensuring clear task allocation and timely completion.
- Ensured seamless frontend-backend integration, maintaining consistency and optimal functionality across applications.
- Directed front-end architecture design discussions, delivering scalable and maintainable solutions for complex projects.
- Developed dynamic dashboard applications using Angular, TypeScript, and SCSS, enhancing user experience and data accessibility.
- Collaborated closely with the UI/UX team to accurately implement intricate product designs, ensuring visual and functional excellence.
- Engineered a robust authentication module with JWT architecture, bolstering application security and user authentication processes.
- Reduced build times significantly by reusing components and minimizing redundant code, streamlining the development process.
- Enhanced application performance by implementing lazy loading techniques, reducing load times by 50%, and improving user retention.
- Created interactive data visualizations with D3.js and Chart.js, enabling users to easily interpret and engage with complex datasets.

- Implemented advanced geospatial visualizations using Leaflet and Mapbox GL JS, providing interactive mapping features for property information management.

Software Engineer

Endarasha Meadow Fresh Dairy - Nyeri, Kenya

May 2018 - July 2019

(Stack: ReactJS, Redux, and Tailwind CSS*, Docker & Kubernetes)*

- Spearheaded the development of intuitive dashboard web applications using ReactJS, Redux, and Tailwind CSS, enhancing data visibility and user experience.
- Implemented robust state management with Redux, ensuring consistent and responsive UI/UX design across all platforms.
- Engineered backend solutions using Node.js and Express.js, delivering high-performance and scalable applications.
- Designed and built RESTful APIs, optimizing system performance and enabling seamless integration with various services.
- Managed comprehensive database integration and optimization with MongoDB, ensuring efficient data handling and retrieval.
- Ensured rigorous data integrity and security measures across the system, safeguarding sensitive dairy production information.
- Developed interactive data visualizations with Chart.js, providing clear and actionable insights into dairy production statistics.
- Fostered a collaborative development environment, working closely with cross-functional teams to deliver high-quality software solutions.

EDUCATION

Taita Taveta University - *September 2015 - June 2019*

Bachelor of Science in Mathematics and Computer Science. Graduated with a second class upper division in bachelor of science in Mathematics and Computer science.

REFERENCES

References Available Upon Request