Claire Wambui Njuguna

Software Developer

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SUMMARY

Innovative and detail-oriented Frontend Developer with extensive experience in JavaScript and Typescript, committed to creating cutting-edge user interfaces and exceptional digital experiences. Currently driving frontend excellence at Data Integrated Limited, I specialize in utilizing modern frameworks like React and Tailwind CSS to build responsive, user-centric web applications. Known for my ability to blend technical expertise with creative problem-solving to deliver impactful solutions that exceed user expectations. Passionate about staying ahead of industry trends and continuously enhancing my skills, I am eager to bring my proven abilities and fresh ideas to your dynamic IT team.

EXPERIENCE

Frontend Developer

Data Integrated Limited

📅 01/2024 - Present　📍 Nairobi,Kenya

- **Developed and maintained web applications** using React and TypeScript, ensuring responsiveness and performance across different devices.
- **Collaborated with cross-functional teams** including designers, backend developers, and product managers to deliver high-quality software solutions on time.
- **Implemented modern UI/UX designs** to enhance user experience and engagement, using Tailwind CSS and Bootstrap for efficient and responsive design.
- **Optimized application performance** by implementing best practices in coding and utilizing tools like Webpack and Babel for efficient builds.
- **Conducted code reviews** and provided mentorship to junior developers to ensure code quality and adherence to industry standards.

Key Projects:
Inventory Management System:
- **Description:** Developed a robust inventory management system to streamline product tracking and management.
- **Technologies Used:** React, TypeScript, Tailwind CSS, Redux
- **Skills Applied:** State management with Redux, responsive design, API integration

Customer Relationship Management (CRM) Tool:
- **Description:** Built a CRM tool to manage customer interactions and data, improving client engagement and retention.
- **Technologies Used:** React, TypeScript, Bootstrap, Axios
- **Skills Applied:** RESTful API integration, user authentication and authorization, component-based architecture

STRENGTHS

⭐ **Problem Solving**
Developed innovative solutions resulting in improved system performance by 30%.

⭐ **Collaboration**
Worked closely with cross-functional teams to deliver complex projects on time and within budget.

🏆 **Adaptability**
Successfully adapted to changing project requirements, ensuring seamless integration of new functionalities.

TECHNICAL SKILLS

Frontend Languages: HTML, CSS, JavaScript, TypeScript
Frameworks and Libraries: React.js, Tailwind CSS, Bootstrap
Version Control: Git, GitHub
Build Tools: Webpack, Babel
Testing: Jest, Enzyme
State Management: Redux, Context API
API Integration: RESTful APIs, Axios
Performance Optimization: Code splitting, lazy loading, Webpack
DevOps and CI/CD: GitHub Actions, Jenkins
Design Tools: Figma, Adobe XD
Collaboration and Project Management: Atlassian JIRA, Confluence

PROJECTS

MaliManage Inventory Management System

Developed a robust inventory management system to streamline product tracking and management.

Portfolio Website

Built a personal portfolio showcasing skills as a Software Developer.
Included sections for navigation, profile, about, experience, projects, and contact.
Ensured responsive design for both desktop and mobile views.
Technologies Used: HTML, CSS, JavaScript

EDUCATION

Bachelor of Science in Mechatronic Engineering
Dedan Kimathi University of Technology

📅 05/2018 - 04/2023 📍 Nyeri, Kenya

- A dynamic degree program blending mechanical engineering, electrical engineering and computer science principles to design and develop integrated systems. The curriculum emphasized the fusion of hardware and software to create advanced mechatronic systems with applications in robotics, automation and IoT.
- **Skills Gained:**Proficiency in programming languages such as C/C++, Python and MATLAB for embedded systems and control application

Software Engineering
Shecodes Foundation

📅 2023 - 2024 📍 Nairobi, Kenya

- An intensive bootcamp that provided in-depth training on modern frontend development technologies and best practices. The curriculum included HTML, CSS, JavaScript, and React.js, with a strong emphasis on building responsive, user-friendly web applications. The bootcamp featured hands-on projects, collaborative learning, and real-world problem-solving to ensure practical experience and job readiness.
- **Skills Gained:** HTML, CSS, JavaScript, React.js, Responsive Design, API Integration, Version Control with Git, Performance Optimization, Debugging, and Testing.

Software Development Bootcamp
Tech4Dev Bootcamp

📅 11/2023 - 12/2023 📍 Nairobi

- Completed an immersive bootcamp focused on Frontend development. The program provided comprehensive training in essential frontend technologies including HTML, CSS and JavaScript, along with modern frameworks like React.js and Jquery. Emphasized practical, hands-on experience through real-world projects, collaborative learning, and mentorship from industry professionals. **Skills Gained:** HTML, CSS, JavaScript, React.js, Responsive Design, Version Control with Git, Web Accessibility, Debugging, and API Integration.

FIND ME ONLINE

in Linkedin
Claire Njuguna

GitHub
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REFERENCES

Available upon request

CERTIFICATION

JavaScript Certification
Completed an intensive course on advanced JavaScript programming techniques and best practices at CISCO Networking Academy.

TypeScript Certification
Completed an intensive course on advanced TypeScript programming techniques and best practices at CISCO Networking Academy.

HTML and CSS
Obtained certification from Shecodes for building scalable web applications using HTML and CSS.

React Development
Completed a comprehensive course covering the fundamentals of React.js at SheCodes Foundation. Hands-on projects focused on building dynamic and responsive web applications. Enhanced understanding of performance optimization techniques, testing with Jest, and integrating with RESTful APIs. **Skills Gained**: React.js, JSX, Hooks, Context API, Component Lifecycle, Performance Optimization, Testing with Jest, RESTful API Integration.

PASSIONS

⭐ **Continuous Learning**
I am passionate about staying updated with the latest trends and technologies in frontend development. I actively seek out opportunities for learning new skills and improving existing ones to enhance my capabilities as a developer.

💎 **Tech Community Involvement**
I am actively involved in the tech community through participation in meetups, workshops, and online forums. I enjoy sharing knowledge, networking with peers, and engaging in discussions about emerging technologies and industry trends.

💎 **User-Centric Design**
I have a keen interest in creating intuitive and visually appealing user interfaces that prioritize user experience. I enjoy exploring design principles and experimenting with different approaches to create interfaces that are both functional and aesthetically pleasing.