Austin Onyango

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**Professional Summary**

Ambitious and solutions-focused Junior Developer with experience in building web and mobile applications. Proficient in Next.js and React Native with a solid foundation in front-end and back-end development. Skilled in optimizing performance, crafting responsive interfaces, and delivering visually appealing and functional applications. Passionate about continuous learning, exploring machine learning applications in EdTech, and eager to contribute to a team where I can make an impact.

**Education**

1. **Kabarak University Nakuru, Kenya**

*Bachelor in Business and Information Technology (Graduated December 2023)*

**Relevant coursework**: Operating Systems, OOP with Java, Network and Communication Technology, Database Management

1. **Moringa School Nairobi, Kenya**

*Software Development (Graduated December 2021)*

**Relevant coursework:** JavaScript, Python, Flask, Django

**Experience**

1. **AI Trainer**

**Remotasks April 2023 – May 2024**

* Trained and refined conversational AI models through systematic data curation and preprocessing.
* Developed and maintained detailed documentation for conversation design patterns.
* Conducted rigorous quality assurance assessments on AI model outputs.
* Established and monitored key performance metrics for AI model evaluation.

1. **ICT Intern – IT Department**

**Tenwek Hospital Jan – Apr 2023**

* Created a prototype patient management system using React.js, streamlining department operations.
* Assisted in API integration and backend maintenance, troubleshooting issues and supporting system updates.

1. **Frontend Developer (CRM Implementation)**

**Tenwek Boarding Comprehensive School May 2023 – Present**

* Developed and maintained the school’s web portal with React.js, optimizing it for mobile and desktop devices.
* Integrated secure APIs for data handling, achieving a 20% increase in page load speed.
* Improved user experience through responsive, easy-to-navigate design layouts.

**Key Skills**

* **Web Development:** HTML, CSS, JavaScript, Next.js, React.js, Responsive Design
* **Mobile Development:** React Native
* **Backend: Node.js,** Express.js, PostgreSQL, NoSQL Databases
* **APIs & Tools:** GraphQL, Framer Motion, Docker
* **Additional:** Git, CI/CD Pipelines, Python, Agile Methodologies

***Projects***

**Projects**

**Sustainopolis (Prototype)**

* Developing a prototype for an AI-driven educational platform that combines learning with real-world problem-solving. Learners tackle societal challenges in a simulated city—like pollution or urban overcrowding by applying knowledge gained from topics like waste management, renewable energy, and urban planning. The goal is to inspire critical thinking and empower users to create sustainable solutions for real-world impact.

*References Available Upon Request*