Ochieng Jarvis Okoth

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**EDUCATION**

**B.S. INFORMATION TECHNOLOGY, DEC 2023**

* Masinde Muliro University of Science and Technology

**TECHNICAL SKILLS**

**LANGUAGES/TOOLS/FRAMEWORK/CONCEPTS**

* Javascript, Typescript, python, Java, React.js, Django, NodeJs, TaiwindCSS, Agile
* AWS, MySQL, PostgreSQL.
* RESTful API Development, Microservices Architecture, Security Practices, Version Control (Git)

**PROFESSIONAL EXPERIENCE**

**LEAD FULL-STACK DEVELOPER | JAN BRIDDHI FOUNDATION, REMOTE | OCT 2023 – CURRENT**

* Designed and developed RESTful APIs for mobile and web applications, enhancing data retrieval efficiency by 35%.
* Led Agile development processes, prioritizing tasks effectively and communicating progress in a fast-paced environment, achieving a 20% reduction in development cycle times.
* Managed PostgreSQL and DynamoDB databases, optimizing performance and ensuring data integrity.
* Mentored a team of 6 developers, fostering inclusivity and professional growth, and improving team productivity by 25%.
* Implemented continuous integration and deployment pipelines, reducing deployment times by 30% and increasing release frequency.

**INFORMATION TECHNOLOGY INTERNSHIP | BAMBANET LTD | APR 2022 – AUG 2022**

* Developed and deployed backend solutions using javascript, Java, and PostgreSQL, enhancing system performance by 40%.
* Created RESTful web services, facilitating seamless data exchange between applications and third-party services, reducing API response times by 25%.
* Utilized AWS infrastructure for scalable application deployment, ensuring high availability and fault tolerance.
* Conducted code reviews and technical interviews, assessing candidates' technical skills and contributing to the hiring process.
* Authored and maintained detailed technical documentation, streamlining onboarding and enhancing team knowledge sharing.

**PERSONAL PROJECTS**

**ONLINE LEARNING MANAGEMENT SYSTEM**

* Refined a scalable, user-friendly online learning management system using ReactJS, Django, and PostgreSQL.
* Implemented robust RESTful APIs, reducing data retrieval times by 40% and enhancing system performance.
* Engineered user dashboards, increasing student engagement by 30% through personalized learning paths and real-time progress tracking.

**50 PROJECTS**

* Completed 50 diverse frontend projects, utilizing JavaScript, HTML, CSS, and ReactJS to demonstrate proficiency in modern web development.
* Optimized code to enhance page load times by 50%, improving overall user experience and engagement.