Ochieng Jarvis Okoth

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**PROFESSIONAL SUMMARY**

Experienced Full-Stack Developer specializing in RESTful APIs and microservices architecture. Expertise in developing efficient APIs, managing databases, and leading Agile development to optimize performance and reduce cycle times. Proven ability to mentor teams and implement CI/CD pipelines for enhanced productivity and faster deployment. Skilled in modern technologies like spring boot, Django, ReactJS, and AWS for high-performance, scalable solutions.

**PROFESSIONAL EXPERIENCE**

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

* Architected and launched large-scale consumer applications on AWS using a microservices architecture, resulting in a 40% improvement in scalability and reliability.
* 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 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, Java, 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.

**EDUCATION**

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

* Masinde Muliro University of Science and Technology

**TECHNICAL SKILLS**

**LANGUAGES/TOOLS/FRAMEWORK/CONCEPTS**

* Spring Boot, React.js, Django, Java, Javascript, python, TaiwindCSS
* AWS, MySQL, PostgreSQL, MongoDB
* RESTful API, Microservices, Git, CI/CD, Docker, kubernetes, Agile