INTERNSHIP REPORT

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I. OBJECTIVES :

The main objectives of my internship were to finish the Minimum Viable Product (MVP) of Desky and deploy it successfully. This involved completing various development tasks and ensuring the platform was ready for use.

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II. TASKS AND RESPONSIBILITIES:

During my internship at Mokawala, I was assigned several key tasks and responsibilities:

- Unit Testing for the API: I created unit tests to ensure the reliability and functionality of the API.
- Dashboard Development: I developed the bidder and admin dashboards, providing essential interfaces for different user roles.

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III. SKILLS AND TECHNOLOGIES

Throughout the internship, I utilized and enhanced my skills in several technologies:

1. Next.js: Built server-side rendered React applications to improve performance and SEO, creating dynamic pages and optimizing navigation.

2. Express.js: Developed scalable backend services, including RESTful APIs, user authentication, and integration with third-party services.

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- Zustand: Managed application state efficiently, ensuring consistency and responsiveness in the bidder and admin dashboards.
- Jest: Created and ran unit tests to ensure code reliability, writing comprehensive test cases for API endpoints and frontend components.
- Docker: Containerized applications for consistent development environments and simplified deployment processes.

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- Problem-Solving: Developed a systematic approach to troubleshooting and resolving complex integration, performance, and state management issues.

IV. CHALLENGES

One significant challenge I faced was translating all the pages of the platform into French. This required meticulous attention to detail and collaboration with bilingual colleagues to ensure accuracy and cultural relevance.

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V . ACHIEVEMENTS

I am proud to have completed all the tasks assigned to me during the internship. This included successfully implementing unit tests to ensure code reliability, creating user-friendly dashboards for bidders and administrators, and translating the entire platform into French. These accomplishments demonstrate my technical skills, attention to detail, and ability to deliver high-quality work.

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VI. LEARNINGS

The internship at Mokawala provided me with invaluable learning experiences. I gained a deeper understanding of business operations and web development practices. Working on Desky allowed me to apply my technical skills in a real-world setting, enhancing my problem-solving abilities and adaptability.

VII. FEEDBACK

I consistently received positive feedback from my supervisors and colleagues, particularly for my punctuality and dedication. I always ensured to arrive on time and deliver high-quality work.

In addition to my punctuality, my supervisors appreciated the high quality of work I delivered. Whether it was developing new features, writing unit tests, or troubleshooting issues, I approached each task with thoroughness and attention to detail. I actively sought feedback to improve my work and took initiative to solve problems proactively.

VIII. CONCLUSION

IN CONCLUSION, MY INTERNSHIP AT MOKAWALA WAS AN ENRICHING EXPERIENCE THAT SIGNIFICANTLY CONTRIBUTED TO MY PROFESSIONAL GROWTH. I HAD THE OPPORTUNITY TO WORK ON MEANINGFUL PROJECTS, LEARN NEW TECHNOLOGIES, AND OVERCOME CHALLENGES. THIS EXPERIENCE HAS PREPARED ME WELL FOR MY FUTURE CAREER IN WEB DEVELOPMENT.