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OLAFENDE AKINLEYE

Full Stack Developer

PROFESSIONAL SUMMARY

Healthcare Professional Transitioning to Full-Stack Development with four years of experience in healthcare and six months of hands-on software development experience in HTML, CSS, and JavaScript. Adept at integrating data-driven solutions to enhance application performance and user experience. Passionate about leveraging analytical skills and technical expertise to develop innovative, user-focused applications and optimize development workflows. Excited to bring a detail-oriented mindset, problem-solving abilities, and a strong work ethic to a dynamic development team.

EMPLOYMENT HISTORY

CAREER TRANSITION Oct 2024 - April 2025
Junior Full Stack Software Developer

While gainfully employed at Shady Grove Fertility Clinic, I began my transition to a new career field with aspirations to become a Full Stack Developer. Upon completing the Path2TECH App Development program, I have mastered the essential skills in mobile app development, gaining proficiency in the latest technologies and tools necessary to design and deploy innovative, user-centric applications. I am now fully equipped to tackle real-world challenges in app development, with a strong foundation in UI/UX design, backend integration, and a proven ability to deliver impactful results in the tech industry.

- Participated in cross-functional development, shared knowledge with team members, and contributed to code reviews for quality assurance.
- Delivered feature updates ahead of schedule, resolved critical bugs efficiently, and improved application performance through strategic optimization.
- Maintained strict coding standards, implemented comprehensive error handling, and ensured thorough documentation for sustainable development.
- Implemented modern web technologies and created responsive user interfaces while mastering full-stack development principles.

ANDROLOGY LAB TECHNICIAN Mar 2022 - Present
Shady Grove Fertility

At Shady Grove Fertility, I serve as an Andrology Lab Technician where I have implemented data-driven methodologies to refine lab procedures, reducing procedural errors and fostering enhanced patient trust. My role includes overseeing daily laboratory operations, executing precise sperm analyses, and innovating cryopreservation techniques, all of which contribute to improved efficiency and the highest standards of specimen quality and care.

- Implemented data-driven solutions to identify and improve lab techniques, boosting efficiency and sample quality for patient treatments.
- Optimized lab efficiency by managing daily operations, performing an average of 9 sperm preparations and analyses, and strategically approving additional patients when capacity allowed, improving workflow and schedule balance.
- Reduced errors and increased patient confidence by streamlining communication protocols between the lab and patients, ensuring greater transparency in the process. Developed and implemented advanced cryopreservation protocols while maintaining strict quality control standards for specimen handling and storage.

- Conducted comprehensive semen analysis and processing procedures, ensuring precise documentation and adherence to regulatory requirements.
- Collaborated with clinical teams to optimize treatment timing and specimen preparation, leading to improved patient outcomes.

VACCINE EXTRACTION SPECIALIST   **Jul 2021 - Nov 2024**
Sanaria, INC

At Sanaria, Inc., as a Vaccine Extraction Specialist, I elevated procedural accuracy and enhanced operational efficiency by thorough meticulous refinement and standardization of dissection protocols. My approach not only streamlined equipment functionality and workflow processes but also guaranteed absolute adherence to FDA and GMP standards to uphold compliance in our clinical manufacturing environment.

- Increased procedural accuracy through refining and standardizing dissection protocols, ensuring compliance with manufacturing and regulatory guidelines.
- Improved operational efficiency by troubleshooting equipment issues and optimizing dissection workflows, reducing downtime and increasing production output.

EDUCATION

BACHELOR OF SCIENCE IN BIOCHEMISTRY Aug 2015 - May 2020
*University of Maryland Eastern Shore*On-campus

- UMES Dean's List - Fall 2019
- Annual Honors Convocation

WEB APPLICATION DEVELOPING Sep 2024 - April 2025
*NPower*Virtual Classroom

PROFESSIONAL CERTIFICATIONS

PROFESSIONAL SCRUM MASTER I (PSM I) Dec 2022
Scrum.org

WEB APP DEVELOPER April 2025
NPower

TECHNICAL SKILLS

Agile methodologies, API Development, Cross-Functional Teamwork, CSS, Git requests, HTML, JavaScript, jQuery, Mobile Development, MongoDB, Node, Python, React, Scrum, Troubleshooting, UI/UX.