ZAKARI LOBE

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SUMMARY

Aspiring Software Engineer with a strong foundation in web development and a passion for building user-centric applications. Background in Biochemistry and Management Information Systems, complemented by hands-on experience in HTML, CSS, JavaScript, React, Node.js, MongoDB, and GitHub. Adept at writing clean, maintainable code, problem-solving, and collaborating within teams. Seeking to contribute technical skills and enthusiasm for learning to Airbnb's Connect Apprenticeship Program.

EDUCATION AND TRAINING

Master's in Management Information Systems | Lamar University | Houston, TX **Expected finish date 12/2025**

Software engineer| Per Scholas Boot-camp | Houston, TX **11/2024**

Master's in Biomedical Science | Bonn University of Applied Science | Germany | **(40/60 credit)** **10/2018 to 12/2018**

Bachelor of Science: Biochemistry and Molecular Biology | University of Buea | Buea, Cameroon **07/2014**

TECHNICAL SKILLS

- Languages: HTML, CSS, JavaScript (ES6+), Python, SQL
- Frameworks & Libraries: React, Node.js
- Databases: MongoDB
- Tools & Platforms: Git, GitHub, Postman, VS Code
- Concepts: Responsive Web Design, RESTful API Development, Debugging, Agile Methodologies

SOFTWARE ENGINEERING PROJECTS

Website Development | Personal Project **Current**
Travel Website
- Developed a dynamic travel website using React.js, showcasing destinations and attractions.
- Integrated form validation and interactive features to enhance user experience.
- Implemented responsive design for optimal performance across devices.

Rate my professor app
- Built a web application with React.js for students to rate and review professors.
- Designed a Node.js backend with MongoDB to store and retrieve data efficiently.
- Focused on clean UI/UX and effective data handling to improve search functionality.

PROFESSIONAL EXPERIENCE

Licensed Vocational Nurse | The Village at Gleannloch Farms | Spring, TX **10/2022 to present**
- Provide direct patient care to a diverse population of residents, ensuring a high standard of medical support.
- Monitor and document vital signs with 97% accuracy, contributing to proactive patient management.
- Administer medications and treatments to 50+ residents daily, maintaining 100% adherence to physician directives.
- Collaborate with interdisciplinary teams to develop and implement individualized care plans, improving patient outcomes by 20%.

Licensed Vocational Nurse | Wellpath Montgomery County Sheriff Office | Conroe, TX **10/2022 to 10/2024**
- Collaborated with a team of 3+ doctors and registered nurses to develop care plans for 1200 inmates.
- Monitored and documented vital signs with 95% accuracy, ensuring timely updates on patient conditions.
- Administered medications and therapies to 500+ inmates in accordance with physicians' orders, maintaining 100% compliance.
- Assisted in delivering comprehensive care, contributing to a 98% patient satisfaction rate.

Licensed Vocational Nursing Student | Encompass Health Rehabilitation Hospital | Pearland, TX **11/2021 to 05/2022**
- Ensure 100% adherence to safety protocols by verifying medication dosages before administering to 4+ patients per shift.
- Administered oral and intramuscular medications to 2+ patients every shift and monitored patient reactions with 98% accuracy.
- Collaborated with interdisciplinary health teams to implement wellness programs, improving patient health outcomes by 15%.
- Performed 10+ laboratory tests per shift, contributing to accurate diagnosis and early detection of conditions in 90% of cases.

CERTIFICATIONS

- Responsive Web Design Certification – freeCodeCamp
- JavaScript Algorithms and Data Structures Certification – freeCodeCamp
- Per Scholas software engineering graduate certificate

KEY STRENGTHS

- Strong problem-solving and debugging skills
- Ability to learn and adapt quickly in fast-paced environments
- Effective communication and teamwork
- Passion for technology and continuous learning