Job Title: Full Stack Software Engineer

Positions: 2 positions

Company: LifeHealth Technologies Corp.

Location: On-site

Type: Full-time

Role Overview: We are looking for two skilled Full Stack Software Engineers with expertise in developing and deploying robust applications across web and mobile platforms. This role will involve building scalable back-end systems, crafting responsive front-end interfaces, and ensuring the security and compliance of data. The ideal candidates should possess a solid background in Node.js/Python, React/Flutter, and cloud services, coupled with a strong understanding of healthcare data regulations.

Tech Stack Needed;

Backend	Frontend	Database	Cloud Computing	Third party integration skills
- Node.js or - Python programming languages	- React or - Flutter frameworks - Competent UI/UX skills	- PostgreSQL	- Amazon AWS instances or Azure	- Competent skills

Key Responsibilities:

1. **Backend Development:**
   a. Set up and maintain secure and efficient back-end systems using Node.js or Python, GraphQL, and PostgreSQL, ensuring high performance and data integrity.
   b. Implement role-based access control (RBAC), secure data encryption, and authentication strategies for protecting sensitive data.
   c. Build and optimize APIs for integration with third-party services, following best practices in secure API development and deployment.

2. **Frontend Development:**

    a. Develop modular, responsive web interfaces using React and related frameworks for a seamless user experience across devices.
    b. Collaborate with UI/UX designers to implement a unified design system, ensuring consistency across web and mobile platforms.
    c. Utilize responsive design principles to optimize front-end performance on diverse devices and screen sizes.

3. **Cross-Platform Development:**
    a. Leverage cross-platform frameworks, such as Flutter, to maintain a consistent application experience on iOS, Android, and web.
    b. Ensure performance and visual consistency across platforms through automated testing, CI/CD pipelines, and effective monitoring solutions.

4. **Data Management and Security:**
    a. Design secure, scalable database schemas for healthcare data, ensuring compliance with regulatory standards like HIPAA.
    b. Implement best practices in data storage, including encryption at rest and in transit, indexing, and data partitioning for optimized performance.
    c. Conduct regular audits to ensure adherence to data privacy policies and handle disaster recovery planning.

5. **Third-Party API Integration:**
- Design and implement secure, reliable integrations with third-party APIs, including payment gateways, healthcare data providers, and analytics services.
- Ensure seamless data flow and compatibility between internal systems and external services.
- Troubleshoot integration issues, handle API rate limits, and ensure that all interactions with third-party systems comply with data security and privacy standards.

6. **CI/CD and Cloud Deployment:**
    a. Set up and maintain CI/CD pipelines using tools like GitHub Actions, Jenkins, or GitLab CI/CD for automated deployment across environments.
    b. Deploy and manage applications on cloud services such as AWS, ensuring reliability, scalability, and minimal downtime.
    c. Utilize cloud-native solutions, including EC2, RDS, and S3, for efficient data storage, backup, and load balancing.

7. **Collaboration and Communication:**
    a. Work closely with cross-functional teams, including designers, product managers, and QA engineers, to ensure cohesive project execution and alignment with LyfPlus's mission.
    b. Document technical solutions and provide guidance for junior team

members to foster a collaborative and learning-oriented environment.

Qualifications:

- **Education**: Bachelor's degree in Computer Science, Software Engineering, or related field (or equivalent experience).
- **Experience**: Minimum of 3 years in full-stack development, with hands-on experience in Node.js, React, GraphQL, PostgreSQL, and cloud services.

- **Skills:**
    - Strong proficiency in JavaScript/TypeScript, SQL, and experience with both relational (PostgreSQL) and NoSQL (MongoDB) databases.
    - Experience with cross-platform mobile frameworks (e.g., Flutter) is highly desirable.
    - Familiarity with AWS services, including EC2, RDS, and S3, and best practices for cloud deployments.
    - Understanding of healthcare data privacy regulations and security practices (HIPAA compliance is a plus).
    - Demonstrated experience in building CI/CD pipelines and implementing automated testing.

Key Attributes:

- Problem-solving mindset with adaptability to dynamic project requirements.
- Excellent communication and collaboration skills, with a commitment to team success.
- Passionate about our mission to make healthcare accessible and affordable in Africa.

Benefits:

- Competitive salary [TZS 4,000,000 (starting)].
- Employee stock options.
- Professional growth and learning opportunities in a mission-driven, supportive environment.