## Company Description

Damu Sasa is a health-tech company currently in the business of leveraging health information for impactful decision-making. We are a youthful team that believes in the power of teamwork to achieve our objectives. So far, through our digital solutions that are used in hospitals across the country, we have impacted 34,203 lives as of 25th October 2022. We are looking to grow that number by serving even more clients and improving our current solutions. Working with us will put you at the forefront of helping to save lives — one of the noblest of causes.

## Job Description

We are looking for a Back-End Web Developer responsible for managing the interchange of data between the server and the users. Your primary focus will be the development of all server-side logic, definition and maintenance of the central database, and ensuring high performance and responsiveness to requests from the front end. You will also be responsible for integrating the front-end elements built by your coworkers into the application. A basic understanding of front-end technologies is therefore necessary as well.

## Responsibilities

- Integration of user-facing elements developed by front-end developers with server-side logic;

- Building reusable code and libraries for future use;

- Optimization of the application for maximum speed and scalability;

- Implementation of security and data protection;

- Design and implementation of data storage solutions;

## Skills and Qualifications

- Basic understanding of front-end technologies and platforms, such as JavaScript, HTML5, and CSS3;

- Good understanding of server-side CSS preprocessors, such as LESS and SASS;

- Understanding accessibility and security compliance;

- User authentication and authorization between multiple systems, servers, and environments;

- Integration of multiple data sources and databases into one system;

- Management of the hosting environment, including the database administration and scaling of an application to support load changes;

- Data migration, transformation, and scripting;

- Setup and administration of backups;

- Outputting data in different formats;

- Understanding differences between multiple delivery platforms such as mobile vs desktop, and optimizing output to match the specific platform;

- Creating database schemas that represent and support business processes;

- Implementing automated testing platforms and unit tests;

- Proficient knowledge of back-end programming languages **(PHP, Python, Java, .NET, JavaScript)**

- Proficient understanding of code versioning tools, such as Git;

- Proficient understanding of OWASP security principles;

- Understanding of "session management" in a distributed server environment;