

# Melvin Lucas

## SOFTWARE ENGINEER

EMAIL: [melvinlucas15@gmail.com](mailto:melvinlucas15@gmail.com) | [GITHUB](#) | [LINKEDIN](#)

A fullstack software developer with a problem solving focus towards the development of applications, utilizing enterprise level languages to deliver solutions with a customer first approach.

### LANGUAGES

- JavaScript
- CSS
- HTML
- Node

### FRAMEWORKS

- React
- MongoDB
- Express
- Bootstrap

### TOOLS

- Git
- AWS
- Heroku

## PROJECT EXPERIENCE

### Diabetes Wellness Tracking System— (full-stack web app)

- Designed an API for logged in users to make calls to different endpoints using Node, Express to create functionality and MongoDB to store user information.
- Authentication using Google OAuth 2.0 to protect user access.
- Solving the issue of being able to track blood sugar levels, insulin reminder, easy monitoring by care-giver and creating awareness to other users.

### Fitness App— (Front-end web app)

- Using Rapid API, making calls to pull data from the Rapid API ExerciseDB and Rapid API YouTube Search.
- Using React for functionality and Material UI for the user interface.
- Solving the problem, of being able to determine which exercise works on a given muscle group.

## Relevant Technical Experience

### Software Developer at 100devs, Los Angeles, CA

January 2022 – Present

- Joined 100devs agency as an apprentice mainly working with the MERN stack to build modern and responsive web applications using the best practices to improve user experience with an eye for design.
- Virtual collaboration in building modern fullstack web applications, API development and integration.
- Researched innovative techniques to write efficient code to improve various projects which led to 15% increase in revenue within the first six months.

## Education

### University of Nairobi

Jan 2019 - present

Bachelor of Pharmacy

## Experience

### Marketing Associate and Customer Care, EQUITY BANK, January 2018 – January 2019

- Established a strategy and communications campaign that led to impulse purchase of bank's E-commerce products.
- By using a customer first approach, I translated customer requests & problems into practical solutions.