

## EDUCATION:

- Well, I was among the top students that did very well in mathematics but unfortunately our school did not have computing classes, I had to pursue it later in my college days. My strength in Mathematics was Statistics and Algorithm and my fellow classmates would ask me to show them how it is done and I would happily show them how to go about it.
- I was the type of student that would help out my fellow students if they got stuck in the topics that I did very well at. I would also ask for help from them if there were topics that I did not quite understand and they would be so happy to help me out. Team work is what made us succeed in Mathematics. I would be remembered for reminding them that **PRACTICE** was the secret of the game!.
- Kiswahili and English being the languages that were taught back then in my high school days, I did quite well in my English literature, and would write creative essays that took my English score higher.
- We had formed a singing band with my friends and we would entertain whenever there were guests, or functions at School and lead songs at the School Assembly.
- I was fortunate enough to go and pursue a Diploma in Computer Science at St Paul's University, Kenya. The main reason why I choose Computer Science was because, I got exposed to computers at a very young age and I was curious to get to know more about the technologies that are being used nowadays. Ever since, I have always been up to date with the latest developed technologies. It is such a fun world!.
- The units that I scored very well at were, Web Application Development, Human Computer Interaction, Data Base Systems, Computer Networks, Programming Concepts, Fundamentals of Information Technology, Fundamentals of Mathematics, Linux Lab, Computer Organization and Architecture and Object Oriented Programming. I got a cum grade, **CREDIT** on my diploma.
- Swimming has always being a part of me and that's how I spend my leisure time. On top of that, programming for fun and exploring different programming languages and now I came to be passionate with React and Python.
- My project implementation unit that I had to code and develop a whole product on myself.

## WEB ENGINEERING AND EXPERIENCE

- React, HTML and CSS on the front-end and Node or Django on the back-end development.
- My strength is that am well versed and able to develop a syntax that can be used for automation and weaknesses is finding an easy way out with ready made automation tools.
- Tailwind is a great CSS utility based design system and am well familiar with it and I think that is a great and easy utility to use since we use classes, for instance to control an element's margin,padding,background etc and that make the work load easier when it comes to styling your elements and also debugging when there is an error.

## SOFTWARE ENGINEERING EXPERIENCE

- I designed a client's website with React as a front-end library and Node for back-end. I use Ubuntu Linux as my OS since of the great coding environment it offers. Visual studio code is my number one go to IDE(Integrated Development Environment) due to the great coding functionalities it offers. Am well acquainted with object oriented databases.
- I believe am on that journey of being a strong coder since I have been dedicating myself to show up everyday and do some programming so that eventually I can get to where I wanna be as a programmer.

- Open source software products being the readily available resources one can use and gain so much benefit from them, I support the open source development, since it's one way of giving back to the society and making technology life easier. I have recently joined the group of developers at Libre Office, so that I can share my skills and ideas to make Libre Office into a great product with great user experience.
- My experience with Python is that of an intermediate and my Portfolio that is in progress, I am using react in my front-end and python, Django in my back end. I will use pytest, a command line tool to test my python program.
- I am well familiar with Javascript, and its library React and it was the second programming language I got an exposure to. I don't have any experience with typescript but am flexible enough to learn about it. I style my pages with SASS which is a CSS pre-processor and I enjoy styling with it due to its use of variables and this makes the product developments faster.
- To be honest I have not yet gotten the chance to work with relational database, but I know how to work with SQL. And I would be honored to get a project to work with data modeling design for more exposure purposes.
- REST is an awesome API that I used on my small project to test my API skills. I used Postman software to check the API before I include it on my project. APIs are a very reliable sources of pre made work that make your development work faster and easier.
- In software development, it's more of producing a quality product that will have a great user experience, a product that customers will happily use and refer the product to other people, in short a product that can market itself and bring even more traffic. Some of the great practices I believe has to be adhered to is making the software responsive on all devices, less loading time, robustness, security of the product, on-site chats replies.

## CONTEXT

- Developing open-source software is one thing that is very appealing to me, first and foremost because open source software being readily available products, will reach out to more people in need of using the software and benefit a lot from it.
- I think Microsoft, Windows OS is a competitor because many people like using windows because they believe that Ubuntu is complex, and I also used to believe that, not until I got the chance to interact with Ubuntu and now I can never go back to using any other OS if it is not Linux/Unix based. I don't think there is anything that need to be changed, because having interacted with Ubuntu for the last three years, the CLI and the GUI interfaces are great. Taking the chance of changing the Ubuntu perspective on people and having them interact with the OS can make them want to use the OS and get to experience the greatness it offers.
- Mostly for more different technologies experience and **exposure**.
- Web development and design and software engineering.

Thank you!