

## Introduction

As per the school requirement, I was able to get attached to a Systems and Applications Development Company called **Nouveta** that entirely uses Information Technology to support its business functions. The attachment span was exactly eight weeks from the 7<sup>th</sup> of July to the 30<sup>th</sup> of August.

I was informed of my university supervisor and he was able to make time and visit on the 29<sup>th</sup> of July. I would then like to affirm that all went well from the university's side.

## Background

As stated above, **Nouveta** is the company I got attached to. Nouveta mainly deals with development; the development of systems, web applications and mobile applications. It operates as a company seeking to solve problems facing businesses and people in the technology sector. It has been greatly successful in the payments sector. Nouveta simplifies payments by pushing a straight-forward payment notification to users making purchases through Mpesa. Success has also favored the company in the development of systems for big businesses and institutions, which remains confidential to the company and its employees.

Obviously, for all functions to be met, coding is of great necessity.

That's where IT comes in.

## Organizational Chart

For this sort of company, the organizational chart is not clearly defined as that of a bank because it is sort of hard to judge who comes before the other as it is a symbiotic work relationship. Let's see...

- ❖ Obviously, there's the Chief Executive Officer who is also the founder of the company. He makes all the executive decisions as a normal CEO would do.
- ❖ Below the CEO, is the Chief Business Officer who handles the business decisions, working closely with the finance manager.
- ❖ We then have the creative director who mainly comes up with the ideas and the project manager who outrightly manages a certain project on the works.

- ❖ From there, the symbiosis comes to life. Here is where all the designers, front-end developers and back-end developers exist. One group can't do without the other. The designers come up with the design, the front-end developers implement the design and create animations for an application while the back-end developers handle the data (accounts, login, submissions...). Even at the office you would see this partner-kind of relationship between the parties involved. It therefore is hard to judge between the two. Personally, I served as a front-end developer in which I would implement the designs using HTML and CSS and then create animations using JQuery and slightly create frameworks using JS libraries.

So that's Nouveta for you, just about 20-50 employees.

## **Methodology**

Methods used are straight-up basic but with a great impact...

- ❖ **Good Relationship**

I would say that this is what gives the company success. It's such a good relationship between all employees such that you would not differentiate the CEO from the developer. Nouveta employees have a serious bond and it makes it easier for all to work as there is much respect for one another and at the end of the day, that's what people want.

- ❖ **Freedom**

Nouveta believes in its employees and thus the treatment is not harsh at all. I guess it works for them because the employees themselves are disciplined otherwise we would be talking about the opposite impact result of freedom.

I guess that's all, not much really.

## **Skills Learnt**

I really got an amazing experience, I was exposed to so much, but you'd expect that from a company that only deals in IT. Lets get straight to it...

### ❖ JQuery

This is a Javascript library that is straight-up succinct. It simplifies your work in the creation of animations. You would write a Javascript code of 15 lines to perform a certain function as only 3 lines in JQuery. This is the modern way to go especially in web development since more of Javascript is becoming irrelevant as other languages become more and more powerful.

I'm glad I got the chance to know it and learn it. I also got to use severally when coming up with websites needed by the company.

### ❖ Bootstrap

This is a famous front-end component library which greatly helps in creating websites. It simplifies the structure of a webpage into containers, rows and 12 columns. Moreover, it makes it much simpler to build responsive websites. It also has predefined classes for styling.

### ❖ Vue Js

This is a front-end framework Javascript library, an amazing one by the way. It helps handle millions of varying data. Picture the many times tweets are posted and needed to be displayed. Now Vue helps in sorting that out by making it easy to pull data from the database and displaying it on the website.

### ❖ Language Hacks

I also got to learn some important HTML and CSS hacks. These hacks expound the not so common capabilities of the famous languages.

### ❖ Social Skills

The ability to work and socialize well with others.

### ❖ Self – planning skills

Ability to plan myself and complete given tasks.

## **Recommendation**

Honestly, I think the company is doing it right. I would greatly recommend a disciplined IT/Computer Scientist to take up a job with them. It's a productive environment to be in. A probable issue is that there is hardly any growth in terms of position in the company, but you'll learn so much.

## **Conclusion**

In conclusion, I got exposed to an IT working environment and got to implement the skills I acquired from university. I also got to learn a lot and understand the working trends and what companies are looking for. It was a good attachment.