PRESIDENTIAL DIGITAL TALENT PROGRAMME REPORT (PDTP) FOR THE YEAR 2016/2017.

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1.0 INTRODUCTION

T*he presidential Digital Talent Program (PDTP) implemented by the Ministry of Information and Communication Technology (MoICT) through ICT Authority (ICTA).It is a partnership between the government and a number of stakeholders in private and public sector. The program started on September 4th 2016 where we underwent four day induction training at Kenya School of Government (KSG).*

2.0 OBJECTIVES OF PDTP

* *Building within the government, the capacity in ICT technical and ICT management skills.*
* *Enable the government meet its service delivery objectives for the citizens.*
* *Offer the PDTP an environment to understand government services, and provide them with an opportunity to contribute towards improving service delivery to citizens.*
* *To attach PDTP to mentors in both private and public sectors.*

3.0 GOALS OF PDTP

* *To gain an opportunity for practical career exploration and preparedness.*
* *To develop life skills and ethical etiquette required in a working environment.*
* *To gain supportive and professional network.*

4.0 PUBLIC AND PRIVATE SECTOR INTERNSHIP OVERVIEW.

4.0.1 SEPT-DEC 2016: QUALITY INSPECTOR| DIGITAL LITERACY PROGRAM | NAKURU COUNTY.

*I participated in the* ***DLP phase 1 exercise****, where I was posted to Nakuru County. This was after undergoing four day training at KEMI, a training facilitated by JKUAT in collaboration with ICT Authority. The program was a three month exercise.Below is some of tasks undertaken.*

***Task/ Responsibilities***

* *Carrying out e-readiness assessment of schools before dispatch of the digital devices.*
* *Training of teachers on the usage, Set up & securing digital devices.*
* *Deployment and installation of Digital Literacy Program devices.*
* *Install, organize, test, maintain and trouble shoot LDD’s, TDD’s, Projectors & Content Access Point (CAP).*
* *Facilitating the launch of the digital devices within different schools of Nakuru County.*

***Reported to: Assistant ICT Officer (AICTO)- Nakuru County.***

***Project: Digital Literacy Program (DLP).***

****4.0.2 JAN-MARCH 2017: PDTP ICT INTERN |BROADBAND COMMUNICATIONS & NETWORKS LTD | 01/2017 – 03/2017**.**

***As part of the program I was posted to Broadband Communications and Networks Limited for Private sector internship.***

***Broadband communications and Networks ltd is a communication technologies solution provider whose objective is to provide communication network solutions for ,mobile network operators,Fixed Network operators,Requlators,Broadcasting houses,Internet Service Providers(ISP’s) Governments and large business large business organization in Africa.***

***The organization has three main business units.These are Implementation,Managed services and Solutions Divisions.The divisions provide telecommunication network installations and commissioning services,Network Managed services(Maintainance) and solutions to gather for telecommunication end to end requirements.***

***The company has been operational for 17 years since it started it’s operation in 2001.The company also has partnership with RedKnee,a global telecommunication Business solution provider with innovation business monetizing solutions such as billing solutions addressing all charging points in a telecommuniction network.***

***I was particularly attached to managed service division(NOC)-Network Operation Centre and there after we were able to join the Field Engineers where we when through field exposure on various Base stations to learn about signal Transmission and Overral site maintainance and security.***

***Purpose:*** *To understand how to handle system alarms, failures and network incidents as monitored in the Darubini reported**by Network management systems or third parties such as Custmer care.*

***The tasks and responsibities during the two month internship include:***

* ***Monitoring alarms &Faulty Escallation of Safaricom Base Stations.***
* ***Creating Trouble Tickets(TTs).***
* ***Creating daily Site reports and submitting to NOC Supervisor & Top Management.***
* ***Managing site loggin & Access.***
* ***Answering calls & Mails from Field Engineers,Team leader & Top Management.***
* ***Liasing with field Engineers on site upgrade,fault rectification,fuelling,security & Site maintainance.***
* ***Working hand in hand with Safaricom NOC Engineers on Site monitoring &Access.***
* ***Working in both day & night Shifts.***
* ***Issueing of site keys and keeeping records of the same.***

***Tools Used:MIS,Darubini,Remedy & Mails.***

***Reported To:NOC Supervisor(Team Leader).***

****4.0.3 MAY-JUNE 2017: KENYA NATIONAL EXAMINATION COUNCIL PDTP ICT INTERN| KNEC|.****

***As part of the program I was posted to Kenya National Examination Council for Public sector internship.***

***KNEC is an Examination body mandated to conduct schools,post school and other examinations.I was particularly attached to ICT Department, technical Support section.Our role was to offer technical IT support to the entire Kenya National Examination Council Department and sections.The following are some of the task and Responsibilities involved.***

***Task/Responsibilities***

* ***Configuring LAN/WAN,Network trouble shooting & other related issues.***
* ***Set up,deploy and maintainance of end user machines.***
* ***Analysing user support/data & Records of inventory.***
* ***Answering incoming calls from clients,mails for all technical IT queries.***
* ***Meeting clients face to face and assisting in handling Technical IT problems.***

***Project involved:IoT & Exam monitoring***

***Reported to: ICT Chief information officer (Head of Section-KNEC)***

4.0.4 JUNE-JULY 2017: QUALITY INSPECTOR| DIGITAL LITERACY PROGRAM | BARINGO COUNTY.

***Task/ Responsibilities***

* *Deployment and installation of Digital Literacy Program devices.*
* *Install, organize, test, maintain and trouble shoot LDD’s, TDD’s, Projectors & Content Access Point (CAP).*
* *Training of teachers on the usage, Set up & securing digital devices.*
* *Carrying out e-readiness assessment of schools before dispatch of the digital devices.*
* *Facilitating the launch of the digital devices within different schools of Baringo County.*

***Reported to: Assistant ICT Officer (AICTO)- Baringo County.***

***Project: Digital Literacy Program (DLP).***

****4.0.5 AUG-NOV 2017: KENYA NATIONAL EXAMINATION COUNCIL PDTP ICT INTERN| KNEC|.****

***After the DLP phsase 2 ,I reported back Kenya National Examination Council to complete my internship.This started immediately after the completion of two months DLP deployment to Baringo County.***

***Some of the tasks and responsibilities performed after reporting back from DLP include:***

* ***Data capturing & Data Cleaning.***
* ***Diagnose & resolving hardware & software related issues.***
* ***Printer /Scanner trouble shooting and repair.***
* ***Basic Reports generation /Printing of reports.***
* ***Computer Assembly.***
* ***Computer trouble shooting and repair***
* ***Basic networkimg and programming.***

***Project involved:IoT & Exam monitoring***

***Reported to: ICT Chief information officer (Head of Section-KNEC)***

****5.0 TRAININGS & CERTIFICATIONS ATTENDED:****

* *IBM Security Intelligence Analyst.*
* *Technical Support for Digital Literacy Program(JKUAT)*
* *Google Digital Skills Training (e-Mobilis)*
* *Entrepreneurship Trainining ICT Authority.*

6.0 CONCLUSION

The PDTP has therefore offered me an opportunity to explore much of practical aspect of my career, learnt much of life skills and ethical etiquette and more so provided me with a supportive and professional network to nurture my career into becoming a better person.