**PRESIDENTIAL DIGITAL TALENT PROGRAM**

**1ST QUARTER REPORT**

**PRESENTER: Joseph Wangila Makokha**

**Introduction**

For the first quarter of the PDTP Program I was deployed to the Digital Literacy Program for 3 months-From OCT, 2016 TO Dec. 2016. DLP being a flagship project that was at a high level of being implemented was a good opportunity for me to learn and be directly involved in its implementation. The Digital Literacy Program (DLP) is borne out of the Government of Kenya’s vision to make sure every pupil is prepared for today’s digital world, and to transform learning in Kenya into a 21st century education system. The stake holders of the project are; the ICT Authority, the ministry of education, the contractors, ministry of energy, the Kenya Institute of Curriculum Development and the public primary schools. I was deployed to Bungoma County and I served as the Quality Inspection Officer in Bungoma East Sub County.

**Objectives of DLP**

* Entrenching ICT in the teaching and learning process and management of education in primary schools.
* Equipping public primary schools with appropriate ICT infrastructure to support teaching and learning process.
* Developing capacity of education managers, primary school teachers and other stakeholders to enable them use the wide range of ICT tools in teaching-learning process and management of schools.
* Facilitating the development and accreditation of appropriate digital content that will enhance acquisition of 21st century skills.
* Promoting universal access and equitable distribution to ICT infrastructure in primary schools
* Integrating sustainable and affordable digital program in Kenya education system

**Activities Performed**

* Inspection of schools for the e-readiness exercise
* Training of teachers
* Installation of devices in schools
* Inspection and acceptance of devices

**Achievements**

* Inspected 69 schools in Bungoma East for the e-readiness activity.
* I trained over 100 teachers on the Digital Literacy program.

**Challenges**

* It was hectic to traverse and access some remote schools with minimal facilitation.
* There was a big workload since I was covering the entire sub-county.
* Some schools were against the program which gave me a hard time to deal with them.

**Recommendations**

* Distribution of the devices should be according to the e-readiness report given.
* More intensive training to be done to the teachers.

**PRESIDENTIAL DIGITAL TALENT PROGRAM**

**2nd QUARTER REPORT-PRIVATE SECTOR (25th Jan 2017-25th March 2017)**

**PRESENTER: Joseph Wangila Makokha**

**Introduction**

Presidential Digital Program is a partnership between the government and private sector companies. Some of the private sector partners include; Telkom Kenya, Liquid Telecom, Oracle, Huawei, Seven Seas, Microsoft and many more. The curriculum required every intern to work in the private sector for two months. Therefore, in January, I was deployed to Telkom Kenya where I worked for two months in the North Rift region.

**Objectives of Private Sector Placement.**

* Learn some of the best practices in the private sector that can be implemented in the public sector to improve service delivery.
* Gain hands on skills in my area of specialization.
* Interact, learn, share and network with potential employers.

**Activities Performed**

* Terminating of jumpers at MDF,
* Identification and rectification of faults in landlines
* Splicing and joining jumpers at junctions
* Configuring modems, routers , switches
* Cabling.
* Splicing & testing fiber lines.
* Rectification of faults on fiber networks
* Radio installations at client sites.
* Fault rectification in BTS

**Achievements**

* I was able to perform network configuration e.g. routers at client sites.
* I gained skills in fiber technology and telecommunication
* I increased my social network.

**Challenges**

* Fault rectification in network lines at client sites was tedious and time consuming which could go to up to late in the night.
* I did not have skills in some tasks to be performed which made me learn on the job.
* The period was too short to learn enough.

**Recommendations**

* The private sector placement to be extended to at least 4 months.

Placement to be done according to someone’s area of specialization

**PRESIDENTIAL DIGITAL TALENT PROGRAM**

**3RD QUARTER REPORT-PUBLIC SECTOR (April 2017-to date)**

**PRESENTER: Joseph Wangila Makokha**

**Introduction**

The public sector deployment was done in August 2016 but fully effected in January 2017 because of the DLP project. After my Private sector internship ending in March 2017, I went to work at the public sector (IFMIS Department at the National Treasury) where I was initially deployed when the program commenced. I have worked there for the better part of the program for 9months which is ending this Nov.2017.

**Objectives of Public Sector Placement.**

* Offer technology solutions to some challenges encountered in the public sector so as to improve service delivery.
* Help in implementing some best practices learnt from the private sector.
* Gain hands on skills in my area of specialization.
* Interact, learn, share and network with potential employers.

**Activities Performed**

* Helpdesk Support for Suppliers
* Manage employee user accounts on the active directory and provide user support.
* Perform software and network installations and configure IFMIS system for users.

**Achievements**

* Suppliers successfully trained
* Network issues troubleshoot and solved.
* IFMIS system configured and set up on pcs.
* Users well managed in the Active Directory.

**Challenges**

* Lacked a good exposure and training on IFMIS system.
* There was a lot of free time in the public sector.

**Recommendations**

* The public sector to offer more conducive environment for interns to learn and be more competent with their skills.