SANDILE LUKHELE

CONTACT

Male, Eswatini
Date of birth: April 1983
Light duty driving licence

Mbabane, Eswatini

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EDUCATION

DEGREE
Bachelor Of Science,majoring in
Computer Science and mathematics
University Of Eswatini
2011

CERTIFICATION
Network +
CompTIA
February 2014

CERTIFICATION
A +
CompTIA
November 2014

ABOUT

I am a computer science and mathematics graduate.I have vast hands on experience in the Information Technology sector.I am always learning new concepts and confirming théories.

WORK EXPERIENCE

Information Communinations Teacher
Teaching Service Commision (TSC)
2012 - present

- Teach and supervise Information Technology (IT), theory and practical
- Manage and prepare computer laboratory for practical and external examinations
- Advice the school on technology and infrastructure needed to enhance learning.
- Install, configure and manage the network in readiness for lessons
- Install and configure Windows Server and assign each user an account to accommodate all students on limited infrastructure
- Configure group policy objects (GPOs) to restrict USB usage and subsequently block virus infection

Information Technology Intern
MTN Eswatini
2009

- Set up laptops, desktop and other ICT Equipment to ensure that systems are ready for use.
- Perform basic diagnostic routines.
- Provide individual training and support on request.
- Installing on workstations, including network based operating systems.
- Install and administer computer hardware and software.
- Setting up new user accounts and profiles.

Information Technology Intern
KPMG Eswatini
2008

- Perform IT audit
- Document findings
- Provide individual training and support on request.
- Provide IT support

SOFTWARE PROJECTS

1.Test score Software application
A web-based software application for students to log in and write tests. Students submit their answers using forms and radio buttons. Scores are recorded on a database. Students obtain their scores same time.
Evaluation
The application was fully functional except for the time. I am still learning JavaScript to enable me to time the test.
Tools
Html5, css3, MySQL database, brackets editor, Photoshop

2.Dry Clean Software application
A software application for dry clean owners. This was my tertiary final year project.
Evaluation
Project was finished and presented
Tools
Visual Basic.Net, Microsoft Access database

3.Curriculum vitae webpage
A web-page detailing the projects I have done and basically a platform to showcase my webpage design skills. You can find the page online:
https://sandilecv.netlify.app
Evaluation
The page is still being developed but it needs minor adjustments.
Tools
Html5, css3, brackets editor, Photoshop

4. Webpage calculator
A simple webpage calculator. It can be found online as well.
https://sandilecalc.netlify.app
Tools
Html5, css3, brackets editor, Photoshop

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IT PRACTICALS

- Install Microsoft Server and roles
- Adding and removing users and computers on Active Directory using Microsoft Server.
- Install and share a printer on the network. Configure and manage it.
- Make cross over and straight trough Ethernet cables and installed them on network.
- Install and configure DHCP and DNS.
- Configure Group Policy objects (GPOs) to restrict access to prohibited services. I configured GPOs to restrict social media access and to avoid bringing memory stick to the computer laboratory.
- Installed virtual box on windows and installed Linux operating system for practice.
- Installed packet tracer version 8.2.0 and practiced
    - Basic router configuration including hostnames, setting up passwords, descriptions and more
    - Telnet to a router and server
    - Secure shell (ssh) to a router and server
    - IPv4 routing configuration. Successful ping of nodes on different and similar subnets.
    - IPv6 address autoconfiguration
    - IPv6 routing configuration. Successful ping of nodes on different subnets
    - OSPF routing configuration
    - VLAN (Virtual Local Area Network) configuration using access mode and using trunk mode. Successful ping of nodes on similar and different VLANS

- Created graphic design posters and business cards.