Tsholofelo Seemeko

Bachelor of Electronic Engineering Degree Holder from University of Botswana

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PROFILE

Highly motivated and accomplished Electronic Engineering graduated from the University of Botswana, seeking a challenging and enriching learnership/Job opportunity. With a strong academic background and hands-on experience software engineering ,Dev Ops ,Web Design ,embedded systems, Computer Networks ,Control system, and IoT technologies, I am eager to contribute my technical skills and innovative mindset to support the development of cutting-edge electronic systems and solutions at your organization.

EDUCATION

BACHELOR DEGREE: BACHELOR DEGREE IN ELECTRONIC ENGINEERING
DURATION: 18TH AUGUST 2018 – 31ST MAY 2023
UNIVERSITY: University of Botswana, Gaborone

EXPERIENCES

IT SUPPORT OFFICER (VOLUNTEER)   06/01/2023-PRESENT
INNOVATION KGOTLA,Maun

- Installing and configuring computer hardware, software, systems, networks, printers and scanners
- Monitoring and maintaining computer systems and networks
- Responding in a timely manner to service issues and request
- Providing technical support across the company
- Setting up accounts for new users
- Repairing and replacing equipment's as necessary
- Testing new technology
- Training stuff on how to use new technology and IT equipment's/Software's
- Network Emergency Response

PERSONAL PROJECTS

Local Music Website:
- Independently designed and developed a local music website using HTML, CSS, and JavaScript.
- Created an engaging user interface for music enthusiasts to discover and enjoy local talent.
- Demonstrated proficiency in front-end web development and user experience design.

Anime Database:
- Built an interactive anime database application using React.js, CSS, and integrated it with an anime API.
- Implemented dynamic data retrieval and display features for anime enthusiasts.
- Showcased my skills in front-end development and API integration.

- SQL and Python Project (Year 4, University of Botswana):
- Collaborated with a team to design and implement a complex student management database system using SQL

SKILLS

Teamwork
Communication
Problem Solving Skills
Critical Thinking

EXPERTIES

Analog and Digital Electronics
Matlab
C++
AutoCAd
Microprocessors
Testing Equipments and Instrumentation
Software Design and Development
Process and Quality Control
Telecommunications and Computer Networks
Cisco Routers and Switches
Packet Tracer

PROGRAM. LANGUAGES

C++
Javascript
HDL
PALASM
ABEL AND CUPL
Python
Assembly
Arduino

LANGUAGES

English
Setswana

- Leveraged Python for data analysis, automation, and integration of database functionalities.
- Successfully delivered a fully functional application that streamlined data management and reporting processes within a simulated business environment.
- This project showcased my teamwork, problem-solving, and database management skills.

LinkedIn Clone:

- Developed a LinkedIn-inspired website utilizing Firebase, React.js, and SASS. Focused on user authentication, real-time messaging, and data management to mimic LinkedIn's functionality.
- Demonstrated expertise in building complex web applications and handling user data securely.
- Showcased my proficiency in react frameworks ei Sass

Personal Portfolio:

- Created a personal portfolio website showcasing my skills, projects, and achievements.
- Utilized Bootstrap and React.js to design a responsive and visually appealing portfolio.
- Highlighted my ability to design and deploy professional web content

Quiz App:

- Designed a Quiz App using react native
- Incorporated Trivia Api to the app for generating questions and answers
- Used react for the frontend and backend

TECHNICAL PROJECTS (UNIVERSITY OF BOTSWANA)

Final Year Project : SMS-Based Fire Detection System Using Arduino Uno,Gas Sensor and Temperature Sensor
- Developed an innovative SMS-based fire detection system using an Arduino Uno microcontroller, a gas sensor, a temperature sensor, and a GSM module. The system detects fire hazards, monitors temperature variations, and alerts users via SMS in real-time, enhancing safety measures in fire-prone environments.
- This project showcases my skills in hardware integration, sensor interfacing, and real-time data communication.

SQL and Python Project (Year 4, University of Botswana):

- Collaborated with a team to design and implement a complex student management database system using SQL
- Leveraged Python for data analysis, automation, and integration of database functionalities.
- Successfully delivered a fully functional application that streamlined data management and reporting processes within a simulated business environment.
- This project showcased my teamwork, problem-solving, and database management skills.

CERTIFICATES

Introduction to Python from SoloLearn	*OCTOBER 2023*
Introduction to Data Science from cisco	*OCTOBER 2023*
IBM Cloud Core	*OCTOBER 2023*
network support and security	*OCTOBER 2023*
Introduction to Cybersecurity from Cisco	*SEPTEMBER 2023*
Data Analytics Essentials from Cisco	*SEPTEMBER 2023*
Introduction to IOT from Cisco	MAY 2022