MUHAMMED SAAD ESSOP

APPLICATION & SOFTWARE DEVELOPER/ENGINEER

Adress: NorthWold drive, Saxonwold
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LinkedIn: www.linkedin.com/in/muhammedsaadessop
Portfolio: muhammedsaadessop (github.com)
Transcript: Muhammed Saad Essop Transcript

PERSONAL PROFILE:

I am a Computer and Information Science Graduate specializing in application development, with proficiency in software development and hands-on experience in computer building and maintenance. I am passionate about leveraging my technical skills to develop innovative solutions and drive business success. I excel at adapting to any given situation using all available resources. I stay knowledgeable and involved with the current technology landscape, including advancements such as DLSS and new computer chips.

WORK EXPERIENCE:

Alcazaba Lodges
05/01/2020 – 12/12/2020
Role: Front desk and Assistance
Responsibilities:

- Helping customers to check in and answering phone calls
- Checking the booking and income system to verify figures and bookings
- Manipulating software to check out of place income statements
- Checking rooms and performing maintenance

Reason for leaving:
Enrolled at IIE Varsity College Sandton and had taken a part time job while studying for a full time one

Harvest Tabernacle Church
31/07/2023 – 27/11/2023
Role: Team leader and Lead Backend
Responsibilities:

- Team Lead for the project
- Lead backend, software engineer
- Database engineer
- Delegating work and ensuring deadlines are met
- Ensuring the work is up to standard

Alcabaza Lodges
12/01/2023 – Current (As per needed)
Role:
IT supports and assistance
Responsibilities:

- Manage the computers and network assistance
- Keep software up to date and solve software issues
- Maintenance of the PCs and fixing of hardware
- Replacing and analysing of the system and replacements
- Refurbishing of computers
- Sourcing parts and replacing components

COURSES COMPLETED:

- python & Django full stack
- CompTIA security+

Education:

Bachelor's Degree in Computer and Information Sciences
The Independent Institute of Education Varsity College – SANDTON: 2021-2023

National Senior Certificate
Successful Steps – MAYFAIR
2014-2017
Physical Sciences
Mathematics
Tourism

Skills:

Soft Skills:
I have the ability to work ahead which addresses the following skills of time management, organizational skills and problem solving while also having the ability to lead, manage and communicate as I was in the team leader position for third year and due to this I able to figure out how to do things as they happen

Network Development:
I have network capabilities in Firebase, Azure and MongoDB

Hardware Development:
I have the hardware capabilities in setting up servers, building and maintain PCs, refurbishing PCs, diagnosing hardware, installing software

Software Development:
I have coding abilities in several languages which are: C#, Java, HTML, Angular, MongoDB, Kotlin, Firebase, SQL, MySQL, Oracle SQL, PL/SQL in Oracle, no SQL, WPF, XML, HTML, web development, CSS, XAML, JS, Azure

Practical and Developmental Skills:
Cloud Database Development, Design and management
Database Development, Design and management

Project Management and Development including team lead
Software Engineering with development and design
Use of Scrum Agile development
Use of Agile manifesto development

Programming with OOP including Logic and Design
UX/UI design with implementation and testing
Principles of Security with theoretical and practical design
Advanced Data Structures and Algorithms

Projects Completed:
(all projects on portfolio Link)

HARVEST TABERNACLE CHURCH MOBILE AND WEBSITE (2023):
> We were tasked with designing a management application for our lecturer for his church which consisted of management functions and user side functions such as contact is page using C#, sql, JS, Xml and Kotin with firebase
> Link https://github.com/muhammedsaadessop/Will-Website.git
> Link 2: https://github.com/muhammedsaadessop/Will-Mobile.git

AVES BIRD WATCHING APPLICATION (2023):
> This application is an android Kotlin app which is designed for bird watchers to view birding locations as well as identify birds which is done through APIs
> LINK: https://github.com/muhammedsaadessop/AvesApp.git

BULLETIN BOARD (2023):
> This app was made in mind to use and implement security concepts and how it can be done in a real-life situation, it is a basic albeit functional website with Angular/Angular JS and MongoDB as well as HTML
> LINK: https://github.com/muhammedsaadessop/BulletinBoardWebsite.git

DEWEY DECIMAL LIBRARY APPLICATION (2023):

    This is a WPF application which trains people to know the Dewey decimal system works and has 3 functions or tasks, this Is done in C# with xml and implements gamification features.

    LINK: https://github.com/muhammedsaadessop/DeweyDecimalApp.git

REFERENCES:

Alcazaba Lodges:
Adress: 208 Albertina Sisulu (Old Main Road) Fordsburg
Name: Dr Fatima Bhyat
Job Title: CEO/Manager
Contact: 084 501 7696

Alcazaba Lodges:
Adress: 208 Albertina Sisulu (Old Main Road) Fordsburg
Name: Mr. Muhammed Bhyat
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Work Integrated Learning:
Name: Dr Lucas Xhosa
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