

# MUHAMMED SAAD ESSOP

## APPLICATION & SOFTWARE DEVELOPER/ENGINEER

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LinkedIn: [www.linkedin.com/in/muhammedsaadessop](https://www.linkedin.com/in/muhammedsaadessop)

Portfolio: [muhammedsaadessop \(github.com\)](https://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:

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### 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:

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### 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)

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### 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:**

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Alcazaba Lodges:

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

Alcazaba Lodges:

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Name: Mr. Muhammed Bhyat  
Job Title: Manager/general repair  
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Work Integrated Learning:

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