

# Marriott G. Mumba

Lusaka, Zambia 

+260 974 297 313 

[marriottgiftmumba@yahoo.com](mailto:marriottgiftmumba@yahoo.com) 

[Marriott Gift Mumba](#) 

---

Experienced Information Technology Officer with over 6 years of expertise in IT infrastructure management, cybersecurity, software development, and project coordination. Proven ability to design and manage secure IT systems, develop scalable applications, and optimize workflows using tools like Monday.com. Certified in **Full-Stack Development** (Microsoft), **Network Security** (Cisco), and **Machine Learning** (Stanford University), I am passionate about leveraging technology to deliver innovative solutions and drive organizational success.

## Experience

### Information Technology Officer / Archdiocese of Lusaka

FEB 2023 – JAN 2025

- Implemented safety and security measures using **Bitdefender** and **Kaspersky Security** to maintain data integrity, organized disaster recovery plans, and performed routine system backups using **Acronis Backup**, resulting in 100% data integrity.
- Developed, supported, and administered LAN/WAN using **CISCO** and **Juniper Networks**, maintained and created the new Archdiocese website using **WordPress**, capturing and documenting 50+ events, boosting online engagement by 45%.
- Provided end-user support to 30+ employees, and authorized network users, facilitated inventory maintenance, and managed procurement and disposal of equipment, testing and evaluating new technology using **Solarwinds** and **Spiceworks**, reducing downtime by 30%.
- Managed IT infrastructure, including server and network maintenance with **VMware** and **Hyper-V**, ensuring optimal performance and minimal downtime.
- Conducted IT training sessions for staff, increasing overall technical proficiency by 40%.
- Implemented and maintained cybersecurity protocols using **Fortinet**, resulting in a 50% decrease in security incidents.
- Developed and implemented IT policies and procedures, ensuring compliance with industry standards and best practices.

### Zonal Census Coordinator / Zambia Statistics Agency

AUG - SEPT 2022

- Effectively conducted training for 100+ Enumerators and Supervisors, ensuring necessary materials and equipment were allocated, resulting in a 100% training completion rate.
- Conducted roll calls of 100+ Enumerators and Supervisors twice daily using tablet applications using **Computer Aided Personal Interviewer (CAPI)**, ensuring 100% data synchronization with the Central server.
- Coordinated logistics and resource allocation for census activities, ensuring timely and accurate data collection using **Computer Aided Personal Interviewer (CAPI)**, ensuring 100% enumeration of the assigned areas.
- Analyzed and reported on census data using **Computer Aided Personal Interviewer (CAPI)**, providing valuable insights for national planning.
- Developed and maintained relationships with local authorities and community leaders to ensure successful census operations.

## **Software Developer / Bayport Financial Services**

*DEC 2021 – MAR 2022*

- Developed software solutions using **Java** and **Spring Boot**, fixed bugs, and optimized performance with **JIRA**, leading to a 15% increase in efficiency.
- Collaborated with cross-functional teams to define project requirements and deliver high-quality software products.
- Conducted code reviews and mentored junior developers, improving code quality and team performance.
- Implemented new features based on user feedback, enhancing overall user experience.
- Managed version control using **Git** and **GitHub**, ensuring consistent and organized code deployment.

## **IT and Customer Care Executive / Shipflex Express Limited**

*SEPT 2021 – FEB 2022*

- Reduced response times by 30% through customer service optimization and task automation with Monday.com.
- Improved website SEO, resulting in a 25% increase in traffic using **WordPress** and **Google Analytics**

## **Full Stack Developer & Social Media Marketing / Envisage Technology Zambia**

*2019 - PRESENT*

- Developed full-stack applications using **JavaScript**, **Node.js**, **React**, and **MongoDB**, and managed social media marketing campaigns using **Hootsuite** and **Buffer**, resulting in a 30% increase in client engagement.
- Created and maintained database systems using **MySQL**, ensuring data integrity and accessibility.
- Developed APIs for seamless integration with third-party services using **Express.js**, enhancing application functionality.
- Analyzed marketing data with **Google Analytics** to optimize campaigns, resulting in a 25% increase in conversion rates.
- Implemented automated testing frameworks using Selenium and Jest, reducing bug occurrence by 20%.

## **Head of IT - Web Administrator and Social Media Marketing / Geospatial Engineering Limited, Lusaka**

*DEC 2018 – OCT 2019*

- Managed IT infrastructure, administered the company website using **WordPress** and **Google Analytics**, and led social media marketing with **HootSuite**, boosting online presence by 50%.
- Implemented its policies and procedures, ensuring compliance with industry standards and best practices.
- Conducted regular security audits, identifying and mitigating potential vulnerabilities.
- Developed and executed digital marketing strategies using **Google AdWords** and **Facebook Ads**, increasing brand awareness and online engagement.
- Led cross-departmental projects, ensuring timely and successful completion.

## **Volunteer - Web Administrator, Developer, and Graphical Designer / Don Bosco Technical College, Zimbabwe**

*OCT – DEC 2018*

- Volunteered as a web administrator, developer, and graphical designer, successfully redesigning and developing the college website using **WordPress** and **Adobe Creative Suite**, improving usability by 50%.

- Created promotional materials for college events with **Adobe Photoshop**, enhancing communication and outreach efforts.
- Provided technical support for faculty and students, ensuring smooth operation of IT resources.
- Assisted in the development and implementation of new educational software using **Moodle**, improving learning outcomes by 15%.

---

### Certifications

#### Foundations of Coding Full Stack

DEC 2024

Microsoft

#### Network Security

DEC 2024

Cisco Learning and Certifications

#### Supervised Machine Learning: Regression and Classification

NOV 2024

DeepLearning.ai (Stanford University)

---

### Education

#### Master of Business Administration (MBA)

SEP 2021 – PRESENT

University of the People | United States of America

#### Bachelor of Science in Computer Science (Merit - First Class)

JUN 2015 - APR 2018

Sacred Heart College Affiliate to Thiruvalluvar University, Vellore | India

#### Grade 12 Certificate

JAN 2012 - NOV 2014

Kabulonga Boys Secondary School | Zambia

---

### Core Skills

Technical Skills:	<b>IT Infrastructure:</b> VMware, Hyper-V, Cisco Networking, Acronis Backup, LAN/WAN. <b>Software Development:</b> JavaScript, Node.js, React.js, MongoDB, Python, HTML5, CSS. <b>Cybersecurity:</b> Firewall configuration, VPN setup, IDS/IPS systems, Bitdefender, Kaspersky. <b>Machine Learning:</b> Regression, classification, data modeling, Python, scikit-learn. <b>Tools:</b> Monday.com (workflow automation, project tracking, task management), Git/GitHub.
Soft skills:	<b>Project Management:</b> Workflow optimization, cross-functional collaboration, Agile methodologies. <b>Communication:</b> Clear and concise reporting, stakeholder engagement, team training. <b>Problem-Solving:</b> Creative IT solutions, troubleshooting, proactive decision-making.

---

## Achievements

- 🏆 Boosted operational efficiency by 30% through Monday.com workflow automation.
- 🏆 Achieved 100% data accuracy and synchronization during Zambia's census project.
- 🏆 Led website redesigns that increased user engagement by 45% (Archdiocese of Lusaka).
- 🏆 Intercollege & Interdivision Football Winner (2017 - 2018)
- 🏆 State Level Workshop on Swift Programming (2017)
- 🏆 Organized Intercollegiate IT Meet & IT Fest at Don Bosco College, India (2017)
- 🏆 GO Programming in the National Conference on Software Engineering and Application (2017)
- 🏆 1st Place - Poem Writing Competition (Space 2K16) (2015)

---

## References

### Ian Chataba

Managing Director  
Shipflex Express Limited  
+260 965 173894  
[ian.chataba@gmail.com](mailto:ian.chataba@gmail.com)

### Fr. Christopher Kunda

SDB Provincial Youth  
Delegate Salesians of Don Bosco  
+260 966 060 688  
[chriskoloso2@gmail.com](mailto:chriskoloso2@gmail.com)

### Dr. L Ravi

Associate Professor HOD,  
Computer Science Sacred Heart College  
+919 443 280 319  
[raviatshc@yahoo.com](mailto:raviatshc@yahoo.com)