

Bruce Mainza

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Phone: 0779071715

Location: Lusaka, Zambia

Profile

I am a motivated and passionate Computer Science student at the University of Zambia with hands-on experience in Software Development and Computer Networking. I have a strong foundation in Kotlin and Java programming and Networking Operations. I am eager to learn from professionals, contribute to real-world projects, and grow my skills as IT personnel. I am a proactive problem solver, able to work independently or as part of a team, and always excited to take on new challenges.

Education

Institution	Qualification(s)	Year	Location
University of Zambia	BSc Computer Science	2023-Present	Lusaka, Zambia
Siavonga Secondary school	Grade 12 Certificate Grade 9 Certificate	2017-2021	Siavonga, Zambia
Mabwizu Christian Academy	Grade 7 Certificate	2010-2016	Monze, Zambia

Skills

- **Programming Languages:** Kotlin, Java, JavaScript, SQL
- **Mobile Development:** Android Studio, Jetpack Compose, SQL lite
- **Web Development:** HTML, CSS, JavaScript (basic)
- **Networking:** Exposure to CISCO net-devices, Packet tracer, Basic networking knowledge
- **Tools & Platforms:** Git, Firebase, Android Studio, Visual Studio Code, MySQL, MongoDB
- **Soft Skills:** Teamwork, Communication, Problem-solving, Self-motivated, get work done

Projects

Car Wash App (current)

- Built an app that shows nearby car wash locations, pricing by car model, and daily/subscription payments.
- Implemented Google Maps API for location tracking.

Library Management System

- Built a web-based library management system to track and manage book stocks of a library
- Used react framework for the app and Nodejs for the backend
- We used JS as the main language and for the database we used MySQL

Quiz App

- Created a quiz app that the can be refactored to suit any type of question(offline)
- Used android studio with SQL lite for the database

Simple LAN Network

- Worked in a group with fellow student to create a simple LAN network within our department
- Worked and configured CISCO switches and routes as they were the major networking devices

Certifications / Training

- CISCO Networking Academy- IT Essentials Computer & Networking Hardware Certificate
- CISCO Networking Academy-CCNA Introduction to Data and Computer Networks Certificate
- CISCO Networking Academy-NDG Linux Essentials Certificate

References

Mr. Phiri

The University of Zambia

Department of Computing & Informatics

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Mr. Mwashingwele

Siavonga Secondary School

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