Liteboho Moalosi

Software Engineer | Junior Cyber Security Analyst

Phone: (+266) 6329 8766
Email: liteboho.moalosi@bothouniversity.com | litebohojamesmoalosi@gmail.com
Portfolio: litebohojamesmoalosi.vercel.app

PROFESSIONAL SUMMARY

Detail-oriented Software Engineer with expertise in the full software development lifecycle, from concept to delivery. Proficient in creating reliable, user-friendly systems, and skilled in project management and strategic communication. Experienced in enhancing online presence through innovative solutions, I thrive in both collaborative and independent work environments. Committed to excellence, I hold a B.Sc. (Honors) in Computing with a concentration in Software Engineering.

WORK EXPERIENCE

Software Engineer

InternetSocietyChapter Lesotho   June 2023

- As the lead Software Engineer, Web Designer & Developer, and DevOps Engineer for the Internet Society Lesotho Chapter's website, I designed and developed a comprehensive platform showcasing the chapter's mission. I ensured a robust architecture, created a user-friendly interface with responsive design, and implemented CI/CD pipelines for efficient deployment. The project enhanced the chapter's online presence, promoting Internet access and digital rightsin Lesotho.

Software Engineering Intern

Ts'epo ea Rona Finances Ltd   July - December 2023

- As a key team member on the "Tsepo ea Rona" web application, I served as a Software Engineer, Web Developer & Designer, and DevOps Engineer. I developed robust backend logic, designed a user-friendly interface, and implemented CI/CD pipelines. Through collaborative efforts, we achieved faster deployments, reduced downtime, and improved customer satisfaction, enhancing access to financial services and car rentals.

Technical Project Lead / Consultant (UA Day Project)

Internet Society Lesotho Chapter (ISOC Lesotho)   March 2025 – June 2025

- As the Technical Project Lead for Universal Acceptance Day Lesotho 2025, I managed end-to-end technical delivery, including event infrastructure, digital accessibility solutions, and coordination with ISOC Lesotho, LCA, and ICANN. I ensured robust uptime and performance through secure, scalable systems, supported local language initiatives, and facilitated a seamless student essay competition platform. The role advanced Lesotho's digital inclusion goals by promoting universal domain and email acceptance, local language support, and inclusive design.

Web Admin / Consultant (ISOC Web Maintenance)

Internet Society Lesotho Chapter (ISOC Lesotho)   October 2025 – January 2026

- As the Web Admin for ISOC Lesotho Chapter's web maintenance services (isoc.org.ls), I designed, developed, and managed comprehensive platform maintenance supporting internet governance advocacy, digital rights initiatives, and community engagement across Lesotho. I implemented robust DevOps practices using github CI/CD pipelines for efficient deployment, ensured high availability, performance, and secure deployment and testing of the platform, and maintained responsive design standards. The project enhanced ISOC Lesotho's online presence, providing seamless access to resources like Internet Broadcasting rules submissions, and educational content, while improving stakeholder satisfaction through faster updates and reduced downtime.

Lead Software Engineer

PCIN Sesotho-First Streaming Platform (pcibasotho.com)

- I designed and maintained a security-first, microservices architecture, implementing OAuth2-based authentication and securing APIs via a gateway and OAuth2 client. The stack spans frontend Next.js and backend microservices with reactive WebFlux/Web and REST, delivering reliable, scalable streaming, offline downloads, and subscriber resources through a cohesive, data-conscious experience.

EDUCATION

Bachelor of Science (Honours) in Computing - Software Engineering
Botho University, Maseru, Lesotho
- GPA: 3.09 / 4.0

July 2020 - December 2024

Lesotho General Certificate of Secondary Education
Holy Cross High School, Lesotho
- Pass: Second Class

January 2018 - December 2019

Junior Certificate
HolyCrossHighSchool, Lesotho
- Pass: Second Class

2024
January 2015 - December 2017

ACHIEVEMENTS

SANReN Cyber Security Challenge finals
Cyber Codex team member

December 2022

- Ihadthe privilegeofparticipating in the SANReN Cyber Security Challenge finals in 2022, held in Pretoria, South Africa, as part of the Cyber Codex team from Botho University in Lesotho. Our team achieved an impressive fourth-place finish, earning a prestigious certificate that marked our outstanding performance in this esteemed competition.

November 2024

ISOC Chapter Lesotho Cybersecurity Hackathon 2024
Cyb3r Gu4rd14ns team Captain

- As Team CaptainofCyb3r Gu4rd14ns from Botho University, I led our team in the preliminary roundsof the first-ever Lesotho Cybersecurity Hackathon 2024, organized by the Internet Society Lesotho Chapter, with involvement from the Lesotho Communications Authority (LCA). Although we did not advance to the finals, our participation marked a significant milestone in cybersecurity awareness and skills development in Lesotho. The hackathon was a pioneering event in the country, bringing together teams from various institutions to address cybersecurity challenges.

Girls Coding Web Development Competition
1's and 0's team member

- As a memberof the team1's and 0's, I participated in a web development competition organized by Girls Coding Academy and sponsored by Eclipse. We secured third place by creating a website that utilized AI to provide advisory services and information on crime abuse. The platform offered guidance on what to do if abused, located nearby police stations, and provided escape strategies during abuse situations. Our project aimed to empower victims with critical information and support.

SKILLS

- Rapid Learning Ability
- Problem Solving
- Cyber Security Basics
- Project Management
- Teamwork & Leadership
- Effective Communication
- Time Management
- Software Engineering
- Website Development
- Cloud Computing

LANGUAGES

- English (Good)
- Sesotho (Fluent)

REFERENCE

Mamoqenelo Morolong
- Botho University - Lecturer
- (+266) 6921 1167 / 5733 9754
- mamoqenelo.morolong@bothouniversity.ac.bw

Selakane Khaile
- Cyber security team captain
- (+266) 5754 5921
- khaileselakane@gmail.com

Mr. Tebello Senekane
- Ts'epo ea Rona Finances Ltd Director (+266) 6928 4180
- tsepoearona101@gmail.com ,
- tebellosenekane1@gmail.com

Senate Lerotholi
- Lilaphalapha TV / Journalist
- (+266) 6826 8736
- lerotholisenate300@gmail.com

Tumelo Frederick Pii
- Botho University - Lecturer
- (+266) 5654 3250
- piitumelo@gmail.com

Tsepang Nkoe
- Lesotho Communications Authority
- (+266)57767705
- tnkoe@lca.org.ls