

Seipati Bridgett Pampiri

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PROFESSIONAL SUMMARY

Experienced software developer and systems administrator with hands-on expertise in project coordination, data management, technical support, and system optimization. Proven ability to lead and support large-scale projects, including financial and HR systems, with strong organizational and communication skills. Skilled in automating processes and improving system efficiency in fast-paced environments.

TECHNICAL SKILLS

Programming Languages: Python, C, C++, JavaScript, Dart

Web Technologies: HTML, CSS, React, Angular, Material UI, Tailwind CSS

Databases & APIs: MySQL, Firebase, Google Maps API

Development Tools: Git, Linear, Office Suite

PROFESSIONAL EXPERIENCE

National University of Lesotho – Maseru, Lesotho

Demonstrator | *September 2024 – June 2025*

- Facilitated technical learning for 200+ students in computer labs, simplifying complex computing concepts.
- Delivered hands-on instruction in Microsoft Office Suite (Word, Excel, PowerPoint), improving students' practical skills in document formatting, data analysis, and presentation design.
- Designed and administered 4+ comprehensive assessments, ensuring consistent evaluation standards.
- Automated administrative workflows, reducing manual data entry by an estimated 30%.
- Collaborated with the course coordinator to enhance course delivery.

Demonstrator | *November 2023 – May 2024*

- Delivered hands-on technical instruction and provided troubleshooting support in computer laboratories.
- Developed and documented structured assessment frameworks to track and evaluate student progress.
- Streamlined academic administrative processes by organizing digital records and standardizing procedures.

- Collaborated with teaching staff to revise course content and improve delivery based on feedback.
- Assisted in managing lab schedules and coordinating sessions, ensuring smooth daily operations.

Student Assistant | *September 2022 – September 2022*

- Migrated and verified 1,200+ student records with 100% accuracy during a system upgrade project.
- Collaborated in a 9-member project team, reducing overall data transfer time by 40%.
- Identified and corrected data discrepancies, ensuring smooth integration between legacy and new systems.
- Designed and implemented data verification protocols, later adopted as standard operating procedure.
- Supported documentation and reporting of migration progress to supervisors.

Nucleus Devs – Maseru, Lesotho

Software Engineer Intern | *August 2024 – September 2024*

- Built and optimized web applications, improving API response times and overall system performance.
- Diagnosed and resolved 5+ critical production issues using Linear for issue tracking and resolution.
- Participated in peer code reviews to uphold quality standards and adopt engineering best practices.
- Delivered new user-requested features, increasing client satisfaction and usability.
- Collaborated with team members using Linear to manage tasks, prioritize sprints, and track project progress.

EDUCATION

Bachelor of Science in Computer Science (2:1)

National University of Lesotho | Graduation: October 2023

CERTIFICATIONS

- **Linux Unhatched** | *Cisco Networking Academy | May 2025*
- **Introduction to Cybersecurity** | *Cisco Networking Academy | May 2025*

KEY PROJECTS

PGC Academy Microfinance Management System | *May 2024 – November 2024*
Technologies: React, Tailwind CSS, MySQL, Role-Based Access Control

- Developed comprehensive web application managing complete loan lifecycle from application to repayment

- Implemented secure role-based access control system for borrowers, loan officers, and administrators
- Created intuitive borrower dashboard with real-time loan status tracking and payment history
- Coordinated project timelines and deliverables while developing the loan lifecycle system.
- Built loan officer workflow management system streamlining application processing
- Integrated MySQL database with optimized queries for financial data security and performance
- Delivered responsive design ensuring accessibility across desktop and mobile platforms

PGC Academy Corporate Website | *February 2024 – April 2024* Technologies:
Angular, Material UI, Backend Integration

- Built responsive corporate website with modern Material UI design framework
- Implemented real-time content management system with backend integration
- Optimized for performance and SEO, improving site loading speed and user engagement

Crime Hot Spots & Route Safety Application | *September 2022 – June 2023* Technologies: Dart, Flutter, Firebase, Google Maps API

- Developed mobile application for personal safety and route optimization
- Integrated real-time location services with Google Maps API for dynamic route planning
- Implemented Firebase backend for data synchronization and user management
- Applied Agile development methodology, delivering functional prototype on schedule

CORE COMPETENCIES

Technical Expertise:

- Large-scale data migration and verification
- Production system troubleshooting and bug resolution
- Software development and optimization
- Database design and management
- Responsive web application development

Project Coordination & Administration Skills:

- Project documentation and reporting
- Milestone tracking and progress monitoring
- Workshop and event logistics coordination
- Use of Microsoft Project, Excel, PowerPoint, SharePoint, and Teams
- Stakeholder communication and collaboration

Professional Skills:

- Team collaboration and leadership
- Process automation and optimization
- Technical documentation and training
- Client-focused solution development

- Agile project management

Industry Knowledge:

- Financial technology applications
- Microfinance system architecture
- Data security and compliance
- User experience design
- System integration methodologies

REFERENCES

Available upon request