

## **AObAKWE MPATANE**

Email: aobakwempatane67@gmail.com

Phone: +267-7362-9161 / 775-54795

Location: Francistown, Botswana

LinkedIn: linkedin.com/in/aobakwe-mpatane-22290b206

## **PROFESSIONAL SUMMARY**

I am a results-driven Business Intelligence and Data Analytics student with proven expertise in full-stack development, mobile application development, and custom software solutions. Demonstrated success in building and deploying live financial technology platforms serving 30+ users with 90% success rates. Strong background in web development, mobile app development, database design, and business intelligence with focus on delivering scalable solutions for small and medium enterprises.

## **TECHNICAL SKILLS**

- Programming Languages: Python, PHP, HTML, CSS, JavaScript
- Mobile Development: Flutter, Android Studio
- Web Development: CodeIgniter, WordPress, MySQL
- Database Technologies: MySQL, NoSQL, Firebase, Mongo
- Development Tools: Git, VS Code, Jupyter, Android Studio
- Analytics & BI: Tableau, Excel, Data Visualization, Business Intelligence
- Operating Systems: Linux, Windows
- Cloud Platforms: Firebase
- Project Management: Agile methodologies, Solution Design, Deployment

## **EDUCATION**

### **BSc in Business Intelligence and Data Analytics (BIDA)**

Botswana Accountancy College, Gaborone, Botswana

Expected Graduation: November 2025

Relevant Coursework: Python Programming, BI Systems, Database Design, Analytics, Data Visualization

### **Botswana General Certificate of Secondary Education (BGCSE)**

Matsieng College | 2018 – 2019

40 points achieved with strong performance in Mathematics and English

## **PROJECT EXPERIENCE**

### **CampusCred – Fintech Lending Platform**

### **Lead Developer & Product Manager | 2024 – Present**

Achieved a 90% loan repayment success rate through the design and deployment of a live student micro-lending platform using Flutter and Firebase that processed 20+ loan applications monthly, supported 30+ users, and integrated admin analytics, credit scoring, and NoSQL data structures.

### **CampusCred Data Pipeline – Local BI Analytics App**

#### **Data Engineer & Tool Developer | 2025**

Achieved automated transformation of Firebase-exported unstructured data through a PyQt5 desktop GUI application written in Python that converted JSON logs into structured CSVs and enabled interactive drill-down analytics for loan insights and performance trends.

### **Real-Time Multiplayer Chess Game**

#### **Backend & Game Logic Developer | 2025**

Achieved seamless real-time chess gameplay across two players through a FastAPI and WebSocket backend paired with chessboard.js frontend that enforced full chess rules (check, checkmate, stalemate, castling, etc.), handled live move broadcasting, game state isolation, and supported smooth UI interactions with audio and drag-and-drop support.

### **Customer Management System (CMS)**

#### **Freelance Web Developer | 2024**

Achieved successful client recordkeeping for a private business through a custom-built PHP + MySQL CMS platform that enabled user registration, record editing, and report generation delivered with full client satisfaction, though long-term usage was not maintained.

## **PROFESSIONAL CERTIFICATIONS**

Coursera Project Network – Build a Free Website with WordPress | June 2024

Cisco Networking Academy– Data Analytics Essentials | June 2024

Cisco Networking Academy – Introduction to Data Science | June 2024

## **KEY ACHIEVEMENTS**

- Successfully launched and maintained live financial technology platform with real users
- Achieved 90% loan repayment success rate demonstrating strong risk assessment capabilities
- -Completed multiple client projects while pursuing full-time studies
- Self-directed learning in emerging technologies and business intelligence tools

- Built scalable solutions serving 30+ concurrent users with high performance metrics

## **CORE COMPETENCIES**

- Software Development: Full-stack development, Mobile app development, Web development, Database design, API integration
- Business Intelligence: Data analytics, Business intelligence concepts, Data visualization, Reporting systems
- Project Management: Solution design, Project deployment, Customer management, Process improvement
- Technical Innovation: Financial technology solutions, ERP systems understanding, Cloud-based solutions
- Professional Skills: Customer service excellence, Team collaboration, Problem-solving, Innovation

## **ADDITIONAL INFORMATION**

- Available for immediate employment
- Fluent in English and Setswana
- Strong understanding of SME digitization challenges and solutions
- Experience with cloud-based platforms and enterprise resource planning concepts
- Passionate about contributing to Botswana's digital transformation initiatives