

ABU JUNIOR VANDI

Computer Science & Data Analytics Professional

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Nationality: Sierra Leonean | Status: Available for Opportunities

PROFESSIONAL SUMMARY

Detail-oriented Computer Science professional with robust expertise in statistical analysis, data management, and IT operations. Proven track record across diverse sectors including electoral management, public health, and humanitarian aid. Demonstrated ability to lead technical training programs, manage complex data systems, and deliver measurable results in high-stakes environments. Specializes in full-stack development, cybersecurity, and digital transformation initiatives.

CORE COMPETENCIES

- Technical Leadership:** Led 12+ training sessions for 150+ participants on cybersecurity and digital platforms
- Data Management:** Achieved 98% data integrity across 5,000+ household census operations
- System Operations:** Maintained 95% device synchronization accuracy across national health campaigns
- Full-Stack Development:** Proficient in frontend and backend technologies with focus on scalable solutions

EDUCATION & CERTIFICATIONS

Master of Science in Computer Science

Njala University | 2024 - 2025 (Awaiting Results)

Bachelor of Science in Mathematics & Statistics

Fourah Bay College, University of Sierra Leone | 2019 - 2022

Professional Certification in Cyber Security & Digital Marketing

Sierra Leone ICT Talent Program | 2024

PROFESSIONAL EXPERIENCE

Lead Trainer – Digital Tools & Security

April - July 2024

Huawei & Orange Sierra Leone | Kono, Kenema, Freetown

- Delivered comprehensive technical training on cybersecurity and digital platforms to over 150 participants across multiple regions
- Developed and implemented training curricula for secure system practices, application configurations, and CRM tools
- Provided hands-on support for secure user account setup and data management system navigation
- Achieved 100% participant completion rate across all 12+ training sessions conducted

Assistant ICT4D – IT Operations Support

January 2023 - March 2024

Catholic Relief Services (CRS) | Freetown, Sierra Leone

- Provided real-time technical support to over 50 field agents, resolving synchronization and platform issues on Android-based applications
- Monitored daily data streams and maintained 95% device synchronization accuracy, significantly reducing data discrepancies
- Coordinated software provisioning and performed system maintenance checks to ensure optimal uptime during national health campaigns
- Generated comprehensive technical performance reports for internal IT teams and stakeholders

Polling Centre Manager – IT & System Oversight

June 2023

Electoral Commission Sierra Leone (ECSL) | Freetown, Sierra Leone

- Managed digital processes across 5 polling stations, ensuring secure handling of voter data and real-time system functionality
- Supervised electronic registration and reporting tools while maintaining strict compliance with digital and operational protocols
- Coordinated secure data transfer to national systems achieving 100% accuracy in data transmission
- Led logistical coordination and data integrity verification throughout the electoral process

Census Supervisor – Data & Systems Monitoring

December 2021

Statistics Sierra Leone (SSL) | Freetown, Sierra Leone

- Supervised digital enumeration process using ODK tools, maintaining 98% data integrity across over 5,000 households
- Provided technical troubleshooting and system support to field enumerators throughout the census period
- Generated daily data quality reports and submitted systematic feedback to central systems
- Ensured system readiness and maintained operational continuity during critical field operations

TECHNICAL SKILLS

Programming & Development:

- Python, SQL, R Programming
- Web Development (HTML, CSS, JavaScript)
- Shell Scripting & Automation
- Full-Stack Development

Systems & Infrastructure:

- Linux System Administration
- IT Operations & Support
- Application Maintenance
- Platform Integration

Data & Analytics:

- Statistical Analysis (SPSS, R)
- Data Visualization (Power BI)
- Database Management (MySQL)
- Data Quality Assurance

Specialized Tools:

- ODK (Open Data Kit)
- CRM Systems
- Android-based Applications
- Version Control Systems

PROFESSIONAL REFERENCES

Miss Agnes Happiness Abu

Auditor, Moore Sierra Leone Limited

Hill Station, Freetown

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Mr. James Hazeley

Deputy Registrar, University of Sierra Leone

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