VALENTINE WANJIRU

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PROFESSIONAL SUMMARY

Motivated Software Developer with a strong foundation in full-stack development using Python, React, JavaScript, Flask, and SQL. Demonstrated ability to deliver practical solutions through real-world applications, including a pro bono telecommunications tracking system. Passionate about leveraging technology to solve data-driven challenges, particularly in telecommunications and data-intensive industries. Currently seeking internship or entry-level opportunities to apply technical skills and contribute to innovative projects.

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, SQL
Frontend Technologies: React, HTML, CSS
Backend Technologies: Flask, SQLAlchemy
Databases: SQLite, PostgreSQL
Core Concepts: Object-Oriented Programming (OOP), Object-Relational Mapping (ORMs), Data Structures & Algorithms, Full-stack Development

EDUCATION

Software Engineering Bootcamp | *Expected Graduation: November 2025*
Moringa School
- Intensive hands-on training in Python, React, JavaScript, SQL, and Flask
- Focus on full-stack web development, database management, and software engineering best practices
- Project-based learning with emphasis on real-world application development

Bachelor of Economics and Statistics | *Graduated*
Kenyatta University
- Strong foundation in statistical analysis and data interpretation
- Mathematical and analytical thinking skills applicable to software development
- Understanding of economic principles and data-driven decision making

PROFESSIONAL EXPERIENCE

Freelance Developer (Pro Bono Project) | *2025*
Telecommunications Company
- Delivered a custom SIM kit activation tracking application
- Collaborated with stakeholders to understand business requirements and technical specifications
- Provided ongoing support and system optimization recommendations
- Demonstrated ability to work independently and deliver solutions within project timelines

KEY PROJECTS

SIM Kit Activation Tracker *(Professional Project)*
Technologies: Python, Database Management
- Developed a comprehensive tracking application for a telecommunications company (pro bono)
- Created system to monitor and manage activated SIM kit inventory
- Implemented data validation and reporting features to streamline operational processes
- Demonstrated ability to understand business requirements and deliver practical solutions

SpaceHub - Workspace Booking Platform
Technologies: React, Flask, SQLAlchemy, Authentication
- Developed a full-featured workspace booking application for flexible office spaces
- Implemented user registration, login system, and booking management functionality
- Created responsive design with real-time availability checking and booking confirmation
- Built protected routes and user session management for secure access

  https://github.com/Valentine101098/Phase-5-Group-6-Spacer

Property Management System
Technologies: Python, Flask, SQLAlchemy, React
- Built a comprehensive property management platform for tracking rentals and tenant information
- Implemented CRUD operations for property listings, tenant management, and lease tracking
- Designed user-friendly interface with authentication and role-based access control
- Integrated database relationships to manage complex property-tenant associations

  https://github.com/Moringa-SDF-PT10/property-management-gr12

Personal Expense Tracker *(CLI Application)*
Technologies: Python, SQLAlchemy, SQLite, Colorama
- Designed and implemented a command-line expense tracking tool with intuitive user interface
- Built robust database models with constraints and comprehensive CRUD functionality
- Integrated advanced filtering, categorization, and financial summary reporting features
- Enhanced user experience with colorized output and clear navigation system

  https://github.com/Valentine101098/expense-tracker

CAREER OBJECTIVES
Seeking internship or entry-level software engineering position where I can contribute to innovative projects while continuing to develop technical expertise. Particularly interested in opportunities within:
- Telecommunications industry and network technologies
- Data-intensive applications and analytics platforms
- Companies focusing on numerical data processing and business intelligence
- Organizations that value problem-solving and analytical thinking

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ADDITIONAL INFORMATION
Quick Learner: Successfully mastered multiple programming languages and frameworks in intensive bootcamp environment
Problem Solver: Strong analytical background from Economics and Statistics education
Team Collaboration: Experience working on group projects and delivering client solutions
Professional Growth: Actively expanding knowledge in advanced Flask development, PostgreSQL, and modern software engineering practices
Languages: Fluent in English and Swahili
Availability: Available for immediate start • Open to internships and entry-level positions • Willing to relocate within Kenya