

CLIFFORD SILLA

SOFTWARE DEVELOPER & SYSTEMS INTEGRATOR

PROFESSIONAL SUMMARY

Innovative and results-driven Software Engineer with over 10 years' experience in full-stack development, enterprise integration, and systems architecture. Adept at designing, integrating, and optimizing secure, scalable solutions for fintech and various business domains. Proven track record in leading cross-functional teams, mentoring junior developers, and managing complex projects that adhere to high standards of governance, compliance, and performance. Passionate about continuous learning and leveraging emerging technologies to drive business growth and operational efficiency.

PROFESSIONAL EXPERIENCE



SOFTWARE ENGINEER & SYSTEMS INTEGRATOR

Equity Group, Nairobi, Kenya
Mar 2022 - Present

- Design, develop, integrate secure solutions; optimize core banking systems; ensure PCI DSS, GDPR compliance; mentor junior developers; collaborate with cross-functional teams.



SOFTWARE DEVELOPER & SYSTEMS INTEGRATOR (CONTRACT)

Techsavanna Ltd - Contracted to Equity Group, Nairobi, Kenya
Sept 2020 - Feb 2022

- Develop secure solutions; implement payment gateways; modernize systems using Azure; mentor juniors; support Agile practices.



[linkedin.com/in/cliff-silla](https://www.linkedin.com/in/cliff-silla)



clifford.silla@gmail.com



+254-721-577557



github.com/cliffsilla

EDUCATION HISTORY



MSc in COMPUTING AND INFORMATION SYSTEMS

Institution: Liverpool John Moores University

Year of Graduation: Ongoing



BACHELOR OF INFORMATION TECHNOLOGY

Institution: Kenyatta University

Year of Graduation: 2018

CORE COMPETENCIES

- Enterprise Integration: Architect and implement seamless integrations between core banking systems, payment gateways, third-party financial services, and cloud platforms.
- Architecture & Systems Design: Lead end-to-end design processes using microservices, RESTful API design, and modern web frameworks.
- Governance & Compliance: Apply secure coding practices and ensure adherence to standards such as PCI DSS, GDPR, and industry best practices.
- Stakeholder Engagement: Collaborate with business leaders, IT teams, and external partners to align technical strategies with organizational goals.
- Team Leadership & Mentorship: Guide and mentor junior developers, foster agile practices, and drive continuous improvement within development teams.
- DevOps & CI/CD: Implement robust CI/CD pipelines using containerization (Docker, Kubernetes), cloud deployment (Azure, Google Cloud Platform), and automated testing frameworks.

PROFESSIONAL EXPERIENCE



SOFTWARE SOLUTIONS ANALYST

Enigma Score Ltd, Hybrid

Aug 2019-Jul 2020

- Plan, design software systems; analyze requirements; create documentation; collaborate with stakeholders; provide technical support.



FREELANCE WEB SOLUTIONS DEVELOPER

Synergy Vault Ltd, Nairobi, Kenya

Nov 2015-Aug 2019

- Design, develop web applications; manage lifecycle; advise on digital strategy; ensure timely delivery.



WEB & APPLICATION DEVELOPER

Efficaxx Ltd, Nairobi, Kenya

Feb 2014 – Oct 2015

- Modernize legacy systems; enhance UI; integrate new features; improve system performance.

SENIOR LEADERSHIP & ADDITIONAL EXPERTISE

- Application Security for Developers and DevOps Professionals – IBM, May 2024
- Developing AI Applications with Python and Flask – IBM, May 2024
- Application Development using Microservices and Serverless – IBM, May 2024
- PCI DSS Compliance Training – Panacea Infosec, January 2024
- Ongoing learning and exploration in Artificial Intelligence and Machine Learning concepts

PROFESSIONAL AFFILIATIONS & INTERESTS

- Technology Blogging: Sharing knowledge on software development, programming languages, frameworks, and best practices.
- Artificial Intelligence & Machine Learning: Exploring AI/ML algorithms, data analysis, and implementing solutions in software applications.

TECHNICAL SKILLS

- Programming Languages & Frameworks: Java, JavaScript, TypeScript, Angular, React, Spring Framework, Laravel
- Cloud & DevOps: Azure, Google Cloud Platform, Docker, Kubernetes, CI/CD pipelines
- Databases: Microsoft SQL, PostgreSQL, MongoDB, NoSQL databases
- Web Technologies: RESTful API design, HTML5, CSS3, UI/UX principles
- Tools & Methodologies: Git, Agile/Scrum, Version Control, Unit Testing, Automated Deployment
- Additional Skills: Business and data analysis, technical documentation, stakeholder engagement, risk assessment

SENIOR LEADERSHIP & ADDITIONAL EXPERTISE

- Architectural Leadership: Proven experience in designing scalable, modular solutions using microservices and distributed systems architecture.
- Process Optimization: Initiate and lead process improvement initiatives to increase efficiency and ensure high system performance.
- Mentorship & Coaching: Strong commitment to developing talent with ongoing training sessions, code reviews, and best practice dissemination.
- Strategic Stakeholder Collaboration: Skilled in communicating complex technical concepts and updates to non-technical stakeholders, ensuring alignment with business priorities.
- Innovation & Emerging Technologies: Dedicated to exploring and incorporating innovative approaches (e.g., AI/ML integration, advanced analytics) to maintain competitive advantage.