

KEVIN OMONDI

+254717556879
ailathedev@gmail.com

P.O Box 621-00100
Nairobi-Kenya

PROFESSIONAL SUMMARY

Highly accomplished and CISSP-certified Mobile Security Leader with over 8 years of dedicated experience securing mobile platforms within the financial services sector. Proven expertise in developing and executing comprehensive mobile security strategies, managing risk, ensuring regulatory compliance (PCI DSS, FFIEC, GLBA), and protecting customer assets within digital banking environments. Adept at leading teams, implementing cutting-edge Mobile Threat Defense (MTD) and secure development practices, and collaborating cross-functionally to mitigate evolving threats targeting mobile banking applications and infrastructure. Seeking to leverage extensive technical knowledge and leadership skills to safeguard Equity Bank mobile channel.

CORE COMPETENCIES

Mobile Security: AppSec (SAST/DAST/IAST), OS Hardening (iOS/Android), MDM/UEM/MAM, MTD, Mobile PKI, Secure Coding, Reverse Engineering, Penetration Testing (Mobile).

Banking Security: PCI DSS (Mobile), FFIEC Guidance, GLBA, SOX, Fraud Prevention (Mobile), Payment Security (Tokenization, EMVCo), Digital Banking Security.

Compliance & Risk: Risk Assessments (Mobile), Regulatory Audits (PCI, FFIEC), Policy Development, NIST CSF/SP 800-53, ISO 27001/27002, Vendor Risk Management.

Technical Expertise: Cloud Security (AWS/Azure/GCP), Network Security, Cryptography, IAM, SIEM, Endpoint Security, Threat Intelligence.

Leadership: Team Management, Security Strategy, Incident Response, Vendor Management, Cross-functional Collaboration, Budget Oversight.

SOFT SKILLS:

Executive Communication, Stakeholder Engagement, Project Management, Problem Solving, Analytical Thinking, Influence, Team work, Application design, Card business, Fraud prevention, Mobile money, Research and innovation

PROFESSIONAL EXPERIENCE

2023 to Date:

Head Of Mobile Security at **Pesawave Global Money Remittance** Nairobi Kenya.

Roles

- Lead and manage the Software Development and IT teams to deliver software and architecture that meets the needs of the business.

- Migrate the technology stack from traditional monolithic platforms to new age technologies using agile methodology and devops.
- Ensure delivery consistent with Agile processes across the team.
- Work effectively with Product Managers and Product Owners to ensure delivery against agreed priorities.
- Implement mechanisms to monitor, manage and provide progress on all software development activities.
- Accountable for the on time and to quality delivery of software development projects.
- Reviewing and applying said best practices to establish architecture and frameworks consistent with and supportive of the Product Strategy.
- Identifying and implementing technology trends that will be able to support the future success of the business.
- Develop new or enhanced capabilities of various services of Digital Products and business
- Development of superior user experience and processes on digital services
- Execute Product implementation between Business; Operations, Technology & all third parties.
- Prepare project status reports & channel performance presentations on a month-to-month basis or as required
- Develop work plans for new and improved capabilities, together with internal and external partners and ensuring that timelines are met
- Development and tracking of KCSA (Key Control Standard Assessment), Audit, compliance and risk assessment – initial and ongoing self-assessment
- Manage the development unit resources; budget creation and reviews, resource augmentation, relationship building with vendors, external teams and various resource allocation.

2020 to 2022: Westech Financial Services.

Roles:

- Develop and oversee the actualization of Innovation roadmap across the organization.
 - Review and update quarterly innovation roadmap, identify synergies and align accordingly in line with business needs.
 - Ensure planned projects are delivered in a timely manner through approved innovation process.
 - Document and ensure approval of the products and innovations description and business cases.
 - Ensure delivery consistent with Agile processes across the team
 - Conducted security assessments and penetration tests specifically targeting mobile banking applications and APIs.
 - Developed secure coding standards and guidelines for mobile application development teams.
 - Managed vulnerability management program with a focus on mobile infrastructure and applications.
 - Assisted in developing, incident response plans for mobile security events.
 - Researched emerging mobile threats and vulnerabilities relevant to financial services.
- Supported compliance efforts (PCI DSS, GLBA) related to mobile systems.

EDUCATION

University of Santo Tomas | Manila Philippines | **2017 - 2019**

MSc in Computer Engineering and Cybersecurity.

Master of Science in Cybersecurity, Bachelor of Science in Computer Science

Relevant Coursework/Thesis: Semantic analysis of Advanced programming languages
Cryptography, Secure Software Development, Network Security

Undergraduate: University of Pretoria in South Africa. | **2013 to 2017**

Bachelor of Computer Engineering Technology.

Certifications

Certified Information Systems Security Professional (CISSP) - **2023**

Other Certifications, e.g., CISM, CCSP, CEH, OSCP, GWAPT, GMOB, CompTIA Security+ **2023**

Cloud Certifications, e.g., AWS Certified Security - Specialty, Azure Security Engineer Associate **2023**

TECHNICAL PROFICIENCIES

Security Tools: MTD, MAST, SAST, DAST, SIEM, MDM/UEM, PenTesting tools like Zimperium, Lookout, NowSecure, Checkmarx, Veracode, Burp Suite, Metasploit, Splunk, QRadar, Microsoft Intune, Jamf Pro

Platforms: iOS, Android, AWS, Azure, GCP, Windows Server, Linux

Frameworks/Standards: NIST CSF, NIST SP 800-53, ISO 27001/27002, OWASP Mobile Top 10, OWASP ASVS, PCI DSS, FFIEC Handbooks

Concepts: Zero Trust Architecture, Threat Intelligence, Incident Response, DevSecOps, Cryptography, IAM, Network Security

ACHIEVEMENTS

Installed new help desk monitoring system to identify and address recurring issues thereby increasing customer satisfaction score by 75%.

Implemented IT risk management plan to harden system security including least privilege, drive and password vaults, cutting security risk by 67%.

Provided user requirements analysis design and programming support for enhancement of web applications accessed by 5 Million users Worldwide.

PROFESSIONAL AFFILIATIONS

- * Member, Information Systems Security Association (ISSA)
- * Member, Cloud Security Alliance (CSA)
- * Member, Open Web Application Security Project (OWASP)

AWARDS & RECOGNITION

- * Highest IQ holder in Africa at 211

INTERESTS

- * Ethical Hacking / Capture The Flag (CTF) Competitions
- * Security Research (Mobile Vulnerabilities)
- * Fintech Innovation

References available upon request