Joseph Martinos

2355 Wilfrid Reid, Montreal, Qc. • martinosjoseph@gmail.com • (438) 926-9755

Summary

Computer and Communication Engineer with over 17 years of experience in Information Technology and Cybersecurity. Solid technical, operational, and managerial background, combined with strong analytical and problem-solving skills. In-depth knowledge of a variety of technology products ranging from cybersecurity, networking, cloud solutions, and business applications, with experience managing teams of technical experts and taking on project management responsibilities. Excellent presentation skills and ability to creatively solve business needs with the use of technology.

Professional Experience

Information Security Officer (ISO)   Jun. 2022-Present
National Bank of Canada, Montreal, Qc.

- Participated in defining the security strategy of the bank by working closely with the line of business and understanding their needs.

- Identified the security posture of the sector by extracting key performance indicators.

- Proposed a new process for security tickets that would optimize the management of new requests.

- Worked closely with 8+ cyber security advisors in different sectors from finance, operations, IT and others. Conducted peer reviews for their risk analysis.

- Managed the backlogs of the cyber security advisors in the corresponding sectors.

- Reviewed Pentest results and vulnerability scanning reports and worked with different teams to address and remediate critical vulnerabilities.

- Worked with the cyber security practice team to define the security controls that protects the crown jewels of the bank.

Senior Cybersecurity Advisor | Cybercrime   Aug. 2021-Jun.2022
National Bank of Canada, Montreal, Qc.

- Conducted risk assessments for over 20 projects involving fraud detection and anti-money laundering applications with the use of industry security frameworks (NIST, CIS & ISO).

- Successfully developed threat modeling (Attack Tree, STRIDE) for applications and systems thereby increasing penetration testing efficiency.

- Oversaw the migration of several applications from on-premise to AWS using the Cloud Security Alliance Cloud Control Matrix (CSA CCM) framework.

- Regularly reviewed and assessed security controls protecting critical assets.

- Collaborated with the AppSec and DevOps teams to remediate application vulnerabilities by analyzing SAST/DAST reports and recommending security best practices.

- Advised architects on how to enhance the security posture of their proposed solutions.

- Ensured the right security configurations and protocols were in place to make applications handling credit card numbers PCI DSS compliant.

IT Manager   Jun. 2020-Sept. 2020
Heineken, Beirut, LB.

- Spearheaded the regional IT strategy and oversaw the proper implementation of all IT policies and procedures.

- Managed a team of 4 experts, while successfully enhancing IT operations and reducing down-time in IT services provided to all business units.

- Produced the annual IT budget while reducing capital expenditures by migrating on-premise applications to the cloud.

Senior Technology Consultant May. 2019-Jun. 2020
InfoSights Consulting, Beirut, LB.

- Advised SKEMA Business School in Paris, Lille, and Nice on the implementation of PeopleSoft Campus solution 9.2 - in collaboration with Oracle France (project with a budget of USD10mil)

- Formalized the business model for an innovative retail business idea which contributed to Chalhoub Group Dubai's digital transformation.

- Identified various other clients' requirements and business objectives and provided strategic advice on using technology to achieve business goals.

IT Manager Feb. 2019-May. 2019
Patchi, Beirut, LB.

- Conducted business impact analyses (BIA) to identify the company's assets, processes, security controls and single points of failure.

- Designed a new infrastructure architecture that would meet the company needs. (Hyperconverged infrastructure while migrating legacy applications to the cloud)

- Directed the Group's various IT team across multiple regions, mainly the Middle East and Europe.

IT Director Nov. 2013-Feb. 2019
Université Antonine, Beirut, LB.

- Successfully managed the implementation of the PeopleSoft Campus solution (project with a USD2mil budget).

- Designed and implemented the University data center to accommodate all new infrastructure.

- Reduced the online registration period by 50% by automating payment processes and integrating the student information system with payment platforms.

- Restructured the IT team and hired 16 employees who provided services for 3 campuses and 5,000 staff.

IT Manager Apr. 2006-Nov. 2013
Gulf Finance & Investment Company, Beirut, LB.

- Successfully implemented a new core banking system which enhanced capital market operations by increasing the speed of client transactions and real-time quotes.

- Designed and implemented a disaster recovery site which was activated during emergencies and assured business continuity.

IT Engineer Aug. 2004-Apr. 2006
Sannine Zenith, Beirut, LB.

- Oversaw the network infrastructure and provided technical support for various stakeholders.

- Migrated several systems such as the active directory, exchange server, and file server to newer versions.

Education

Concordia University, Montreal, Qc. Jun. 2021
Diploma in Cyber Resilience

ESCP Business School, Paris, FR. Mar. 2018
Executive MBA in Business Administration

Notre Dame University (NDU), Beirut, LB. Jun. 2004
Bachelor of Engineering in Computer & Communication

Certifications

- CCSP (Certified Cloud Security Professional)
  https://www.credly.com/badges/9afcdb71-e791-4ec9-b01e-eda5ec1d9878/public_url

- CISSP (Certified Information Systems Security Professional)
  https://www.credly.com/badges/f24c4a54-b081-47b4-bf94-a9fe521730c9/public_url

- CCSK (Certificate of Cloud Security Knowledge)
  https://www.credly.com/badges/e2c54e81-0892-40f2-ad14-3a08e6724f63/public_url

- ISO/IEC 27005 Risk Manager

- CISM (Certified Information Security Manager)
  https://www.credly.com/badges/992be909-b0e0-4ba6-98b0-effb57acede6/public_url

- Microsoft Security, Compliance and Identity Fundamentals
  https://www.credly.com/badges/f996e867-cddb-4a19-a449-3b40d6c3e111/public_url

- Microsoft Certified Azure Fundamentals
  https://www.credly.com/badges/15119692-046f-4411-b7c1-8fa11d85019d/public_url

- Oracle Certified Foundation Associate

Technical Skills

Cybersecurity frameworks and Standards

- NIST (SP800-137, SP 800-53, CSF)
- CIS Version 8
- ISO (27001, 27002 & 27005)
- MITRE ATT&CK
- SABSA (Sherwood Applied Business Security Architecture)
- Cloud Control Matrix (CCM) Framework

Technologies

- Virtualization (Hyper-V, VMWARE)
- Operating Systems (Windows Server, Linux)
- Switching and Routing (Subnetting, ACL ,etc.)
- Security Products (Next Gen. Firewall, WAF, SIEM, EDR, IDS/IPS)
- Backup solutions (Tape Library, Disk)
- Infrastructure (Converged & Hyper-converged, SD-WAN)
- Cloud solutions (Azure, AWS & GCP)
- Vulnerability management (Nessus)
- Business applications (Oracle PS, HCM, Microsoft Dynamics, Tableau, etc.)