

Elias Kfoury

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Residency Status: Lebanese



Career Objectives

To become part of a challenging organization that provides opportunities for personal and professional development in the field of Information technology & information systems with active interest in the field of Blockchain technology Infrastructure, Innovation strategies and management that involves technology management, high level design, project planning, implementation and development. To work in a quality organization, which gives me an opportunity to demonstrate my skills & in turn be a source of growth for the organization.

Executive Summary

10+ Years of total IT experience with vast exposure to IT Infrastructure Management space. Domain expertise on Oracle & UNIX platforms and successfully managed multiple projects involving Implementation and Production Support. I have extensive subject matter expertise in Datacenter Management, IT Infrastructure Planning (Database, Server & Network Management), IT Services Management (ITSM), Methods, Processes, and Strategic Technology & Developing Cost Effective Solutions to meet customer / business requirements. I also have good experience with IT Project Management, Planning, Technology & People Management, Network Administration, System Administration (UNIX & Windows) and Oracle Database Administration on UNIX & Windows systems. Proven expertise in implementing Blockchain frameworks and business applications, as well as cryptographic protocols and crypto libraries, Ability to work with remote developers, and agile or scrum Knowledge of symmetric and asymmetric cryptographic principles, hierarchical key management and identity management schemes Familiarity with Financial Technology (FinTech) or related field is an added advantage Deep understanding of Hyper ledger, Ethereum, Bitcoin or other Blockchain community technical issues.

Specialties

IT Service Delivery	ITIL Framework	Disaster Recovery Planning (DR)	IT Security
Infrastructure Management	IT Service Management	Business Continuity Planning (BCP)	IT Cloud Stack
Operations Management	IT Project Management	Databases (Oracle & MS SQL Server)	IT DevOps
Kubernetes	Server Consolidation	Network Management & FCAPS	Server Management
Virtualization	Cryptography	Hyperledger Fabric Blockchain	Cryptocurrencies
Smart Contracts	Ethereum Solidity	Erc20, Erc223, Sha-256	POC, POS, POW
Cloud Architecture	APIs integration, Wallet	Blockchain	Cloud mining
DApp Development	Software engineering	Hardware Maintenance	Software installation

Education & Qualifications

- ✓ **IBM Security Essentials Certification**
- ✓ **IBM Blockchain Certification**
Completion of the developer works courses "IBM Blockchain 2016"
(Blockchain Developer, Chaincode, Hyperledger Fabric)
- ✓ **IBM Blockchain for developer Certification**
Completion of the developer works Course "Bluemix Essentials" (Bluemix, Cloud foundry command line interface)
- ✓ **IBM Cloud Platform Application Development V1 Certification**
- ✓ **Optimize Java Apps on IBM Cloud Certification**

Other Education:

- ✓ **Diploma of Hospitality Management BT** Ecole Hôtelière – Dekwaneh _Lebanon
- ✓ **Hospitality Management BP** St. Joseph School _Lebanon
- ✓ **Secondary Education** Ecole des Frères _Baskinta Lebanon
- ✓ **Primary Education** Ecole des saint Coeur _Mrouj Lebanon

Work Experience:

Blockchain Invest (July 2011 – Present)

Founder and CTO

Web: Blockchaininvest.online

Summary: Blockchain Technologies, FinTech and Smart Contracts Development.

Smart Contract Development

Implement smart contracts to automate enforcement in Ethereum. We can write your smart contract's code securely.

Smart Contract Audit

Security flaws, misbehavior and inefficiency are very expensive when you deploy a Smart Contract to the Blockchain. We help companies to make the best Smart Contract code.

Crypto Exchanges

Develop safe and reliable cryptocurrency exchanges.

Blockchain Development

Implement cryptography-based technologies to store immutable data. We can help you choosing which of your processes are suitable for this technology.

Hyperledger

Develop Financial, Health Care, Retail, Manufacturing, etc. private blockchains on Hyperledger.

Private Blockchain Development

Implement a private blockchain in your institution or corporation.

Escrow & Loan data sharing

Use the blockchain to share credit information between different banks to avoid multiple loan requests using the same documentation.

Supply Chain blockchain

Implement a complete supply chain on a blockchain to track the whole process in a single place. Collaborative Commerce enables trade partners interact in a friction-free manner, gaining deep visibility into their supply chain so they can make smart forecasting decisions.

Dapp Development: Decentralized application developed on Ethereum dApps from smart contracts and instantly deployed to blockchain.

Wallets

Protect traditional wallets and multi-signature wallets to guarantee security.

Crowdfunding

Fund your product ideas with Initial Coin Offerings (ICO) on Ethereum. We can develop your Smart Contracts securely.

Blockchain training

Teach your team to understand the development on blockchain technologies and be prepared for the next moves.

Proof of Existence (POE)

Create your own notary registry. We can license our document registry system built on top of Ethereum for private or public blockchain. It allows users to manage and sign documents.

Proof-of-Work (POW)

Lots of cryptocurrencies, including Bitcoin, use Proof of Work (PoW) as their consensus algorithm. As a result, miners are taking part in a PoW scheme. In PoW schemes, miners participate in the network by contributing large amounts of computing power.

Proof-of-Stake (POS)

Allows all coin holders to contribute to the network easily. As long as you hold coins in your wallet, activate staking, and leave your computer on (contributing a relatively minimal amount of computing power), you will receive staking rewards by acting as a miner.

PoW+PoS

The adoption of Hybrid guarantees the price of the coin, due to the cost of mining.

Delegated Proof-of-Stake (DPOS)

DPoS has been introduced to the scene after PoS and stands for delegated proof of stake.

Not anyone can to stake and verify blocks. Users can vote for delegates, which they hope are trusted participants.

Proof of Weight

A blockchain protocol gaining interest with projects that have more literal applications. For example, a file storage project would most likely use a Proof of Weight type of scheme.

Key IT Programming/Scripting , Technical Proficiencies & Product Expertise: Databases (Oracle DBA & Microsoft SQL Server DBA) & High Availability Solutions like Data Guard & RAC, UNIX, ITIL, ITSM, Application Architecture, DWH, Middleware, SDLC, Network Administration, Network Security & Systems Security, Firewalls/IDS, Disaster Recovery Planning, Business Continuity Planning, Contingency Planning, Backup & Restore Management, Data Integrity / Recovery, Research & Development, Risk Assessment, Windows, Mac, Linux, P4, C, C++, Java SE/EE, Android, Python, JavaScript, HTML, Shell Scripting, Web Programming (ASP.NET, PHP).

Cisco Products & Other Networking Products	Cisco Routers 7200, 2600, 2500, 3800, 3600 series Cisco Switches 4006, 6500, 2950, 1900 series, Catalyst/Enterprising HP Switches 5820 & 5800
Firewalls/IDS	Palo Alto PA3020 IDS, Dell SonicWALL TZ Series/NSA Series/E-Class NSA Series/SuperMassive Series, Cisco ASA 5500/5500-X Series Firewalls (Adaptive Security Appliances), Cisco IOS Firewall, Cisco IDS 4215/4235 Sensor, Cisco Catalyst 6500 Series IDS, Cisco IPS 4200 Series Sensor
Modems	Multi tech, PCMCIA, ISDN Adapter, CSU/DSU, V.35, G.703, V.90 (Auxiliary)
Cisco Software / OS	Cisco IOS Version 12.0
Network Protocols	TCP/IP, IPX/SPX, Ethernet, DNS, DHCP, FTP, HTTP, POP3/SMTP, SNMP, RSYN
Routing Protocols	RIP, IGRP, EIGRP, BGP, OSPF, QOS, MPLS VPNs and HSRP/VRRP
WAN Protocols	HDLC, PPP, FRAME RELAY, ATM, Private Line, DS1, DS3, Ocx
Servers	IBM X-Series 335,360,225; IBM H-Series BladeCenter HS23/HS22; Sun E250/E15K, Sun SPARC M3000 / M4000, Sun X3-L2, Oracle T4-2, Sun 4170, Sun V240, Sun V245, Sun V445; Nutanix NX-6000 Series (NX-6020, NX-6050, NX-6060, NX-6070, NX-6080)
Server OS / Platforms	RHEL 4 & 5, Red Hat Linux 8.0/9.0, Red Hat Advanced Server 2.1/3.0, Sun Solaris 8/9/10, HP-UX 11, Fedora Linux, CentOS, Ubuntu, Debian, Windows NT, Windows 2000, Windows 2003 SE, Windows 2008
Client OS	Windows 95, Windows 98, Windows XP & Windows 7
Monitoring Tools	Nagios, Cacti, Squid, DansGuardian, Microsoft SCCM 2007/ 2012, HP System Insight Manager (SIM)
Management Tools	VNC, Remote Shell Access, Webmin, RDP, NetOP
Virtualization	VMware ESXi 3.5 to ESXi 5.0 & VMware VSphere; Citrix XenApp Server 4.5
DevOps Stack	Jenkins, Ansible, Chef, Puppet, Salt & Nagios
Storage	Oracle StorageTek 2540, Sun StorageTek 6140, Sun StorageTek SL48 Tape Library, IBM Storwize V7000, Axiom Pillar, EMC-DMX-2, DMX3, DMX4, VMAX10K, VMAX20K, VMAX40K, EMC Clarion, CX3-80, CX3-20, CX400, CX700, CX960, IBM-DS4800, XP1024, XP12K
Backup Software	CommVault Backup / Restore, Symantec NetBackup, NT Backup
Databases	Oracle 9i/10g/11g, Microsoft SQL Server 2000/2008 ,
Skills	Mainframe, SAP, Active Directory, Lotus Notes, SSH, SFTP, VPN, POSTFIX, MAILMARSHAL, Apache, MySQL, PHP, Load balancers ACE/F5, Nexus Technology, Blockchain, Cryptography, Bitcoin, Ethereum IBM Blue Mix , IBM Hyperledger Fabric Blockchain, Go, C, C++ , JAVA, Python, Azure, RDBMS, NoSQL

Personal Details

Languages Known : English, French, Arabic
Reference : Available on request

