WHY WARITH

WARITH MOHAMMED AL MAAWALI

INFORMATION TECHNOLOGY EXECUTIVE

Visionary and technologically-savvy leader with proven ability to drive innovation in the areas of application development, information security, digital forensics, and infrastructure engineering

Muscat, Sultanate of Oman

968-97000080

warith@digi77.com

PO Box 136 PC 111

Self-driven, results-focused, and creative executive and entrepreneur with a demonstrated record of attaining current and anticipated organizational needs through vision-driven strategic planning. Experienced open source, application, security, and forensics consultant with complementary experience planning, leading, and optimizing the performance of cross-functional department, project, and vendor teams. Highly regarded for clarity of communication among technical and non-technical stakeholders, clearly conveying business case, value add, and return on investment as well as guiding long-range and tactical decision-making.

HIGHLIGHTS OF EXPERTISE

- Tactical & Strategic Planning & Execution
- System Architecture & Blueprint Development
- Server & Cloud Management
- Information Security Infrastructures
- Vendor Selection & Oversight
- Contract Development & Negotiations
- Security Auditing & Quality Assurance Testing
- SLA's, OLA's, UC's, and ERP Systems
- Full Life Cycle Project Management
- Liaising with & Advising Executive Staff
- Responsive & Adaptable Team Leadership
- Stakeholder & Client Relationship Management
- Business Process Assessment
- Application & Source Code Development
- Computer, Mobile, & Internet Forensics
- Procedural & Regulatory Compliance

CAREER SUMMARY

ONS
Sr. Research & Development Manager
1996 - 2015

EAGLE EYE DIGITAL SOLUTIONS (EEDS)
Founder and CEO
2008- 2017

Dreamlab Technologies AG Switzerland
Chief Technology Officer (CTO)
Nov 2019 - Dec 2019

NATIONAL SECURITY SERVICES GROUP
Acting Chief Executive Officer NSSG
Sep 2022 - Present
Deputy Chief Executive Officer NSSG
Jan 2020 - Sep 2022

1996 — 2008 — 2015 — 2017 — 2019 — 2019 — 2020 — PRESENT

Present Acting Chief Executive Officer NSSG

SEP 2022 Deputy Chief Executive Officer NSSG

2019 CTO Dreamlab Technologies AG Switzerland

2008 2017 EAGLE EYE DIGITAL SOLUTIONS (EEDS)

Conceptualized, founded, and manage IT solutions firm specializing in penetration testing, digital evidence forensics as well as software development and security training.

FOUNDER AND CEO

Define and refine organizational vision, mission, product line, and strategy. Oversee business operations, application development, penetration testing, digital forensics support, and IT security training. Consult with client executives and technicians to define requirements, identify potential issues, and formulate innovative solutions that streamline and secure operations.

- Within few years of launch, successfully attracted large, global client-base, including multiple Omani public and private sectors.
- Designed and developed cutting-edge security applications, and network security measures to ensure optimal secure system operation. Highlights include...
  - *Linux Kodachi, a secure Linux distribution rewarded as best privacy distro in the world in 2019 - 2022.*
  - *Linux Kodachi Kit, It helps the user to be safe, secure, and anonymous by using cutting-edge security and privacy tools.*
  - *StealthWalker, a cutting-edge privacy software designed to provide a dedicated VPN connection by creating an encrypted tunnel between computer and dedicated server.*
  - *SSLEye, Prism Protection, a unique, first-of-its-kind SSL fingerprint comparison tool that identifies "man in the middle" spying received first place award on Innovation competition from the ITU - Arab Regional Cybersecurity Center.*
  - *E-Bouncer, a proxy server validation application.*
- Created and engineered a range of *open-source tools*. Highlights include...
  - *E-Tornado,* a remote monitoring and administration tool.
  - *Mail Robot*, a tool that converts any number of .eml files into a single Outlook pst file.
  - *FX-Storm, an automated foreign currency exchange conversion tool for Windows.*
  - *Auto-IP-Changer, a Windows Server tool that automates time/interval changes to IP addresses.*
  - *Shy Girl v0.3, for automating information gathering from any domain for Linux penetration testing.*
- Developed robust security penetration auditing service, utilizing black-box and white-box tests to identify vulnerabilities and measure ability to detect and respond to internal/external attacks.
- Launched and contribute to informative blog to provide expert resources related to security, computer forensics, server management, and application development.

1996 – 2015 *ONS*
SR. RESEARCH & DEVELOPMENT MANAGER

Direct 40-members technical team throughout requirements gathering, quality assurance, and issue resolution. Ensure quality and timely delivery of internal and outsourced projects. Formed RND teams on sophisticated fields of Internet security and digital forensics; oversee projects penetration, vulnerability, FAT, SAT, and acceptance testing. Act as subject matter expert for system security matters. Prepare daily status reports for senior executives.

- Led development of an innovative technology tool that ultimately became recognized by Nokia Siemens-Munich as the primary solution for a major milestone.
- Championed design of cutting-edge security tool; a new security product recognized by Elaman.
- Served as Digital Security Consultant & Trainer; delivered comprehensive training sessions to personnel, thereby optimizing IT security operations.
- Expanded industry skill set and knowledge; attended numerous domestic and international seminars focused on IT and business.
- Streamlined operations and optimized resources by developing several major database applications that improved workflow and productivity.
- Established first national digital forensics laboratory; standardized processes significantly reduced security and criminal threats.

MAJOR DISCOVERED VULNERABILITIES

FEB 2019

CRYPTO CURRENCY WALLET
Coinomi Crypto wallet sending user secret seeds (passphrase) in plain text to google servers the company was informed the leakage was mitigated immediately.

DEC 2019

APPLE IOS MAIL CLIENT
IOS mail client found leaking sensitive user information to mail receivers or mail provider which includes local network IP, ISP IP , VPN public IP,VPN local IP, IOS version company was informed.

EDUCATION & CREDENTIALS

SULTAN QABOOS UNIVERSITY — *Muscat, Sultanate of Oman*
2000 — Diploma in *Computer & Information Systems*

GRIFFITH UNIVERSITY — *Brisbane, Australia*
2004 — Bachelor's degree in *Internet Computing*

GRIFFITH UNIVERSITY — *Brisbane, Australia*
2005 — Master's degree in *E-Commerce*

PROFESSIONAL DEVELOPMENT MANAGEMENT

- *Management Skills for an IT Environment Learning Tree*
- *Leadership Skills People Achieve*

PROFESSIONAL DEVELOPMENT PROGRAMMING

- *C++ Programming*
- *Microsoft Visual J++ (MS J++)*
- *UNIX Shell Programming*
- *Turbo Pascal Programming*
- *Visual FoxPro*
- *Programming with FoxPro*

PROFESSIONAL DEVELOPMENT SECURITY

- *Run & Gun Penetration Testing*
- *The Exploit Laboratory Advance Edition*
- *Government Security Solutions Training*
- *Advanced, Intermediate, & Introductory Computer Forensics*
- *Advanced Internet Examinations Forensics*
- *HITB, Hacking and Security*
- *Wireless Security*
- *Hacking Skills & Security*
- *Trovicor Government Security Solutions*
- *ISS World & MiliPol Paris Security Updates*
- *CEH, Certified Ethical Hacker EC-Council*
- *Penetration Testing Student ElearnSecurity*
- *Penetration Testing Professional ElearnSecurity*

BASIC DEVELOPMENT OTHER

- *Microsoft PowerPoint*
- *Microsoft Excel*
- *Microsoft Access*
- *Introduction to Oracle*
- *Introduction to RDMS*
- *UNIX Fundamentals*
- *Windows 2000 (User Level)*
- *Windows Appreciation*
- *Updating Support Skills From Microsoft NT4 Windows 2000*
- *Introduction to Windows & Microsoft Word*
- *Internet Training*
- *First Certificate in English (FCE)*
- *English Course: Upper Intermediate II*

GLOBAL RECOGNIZED ACHIEVEMENT

LINUX KODACHI OPERATING SYSTEM AND THE LK KIT

Linux Kodachi kit comes composed of Lenovo Ideapad Laptop pre-installed with Linux Kodachi (The award-winning security distribution (2019-2022), plus many other tools and components. LKK helps the user to be safe, secure, and anonymous by using cutting-edge security and privacy tools. It was assembled after the successful development of the Kodachi operating system, which got global recognition and acceptance for providing its user with a secure, anti-forensic, and anonymous operating system containing all kinds of privacy features. The operating system was established in 2013.

Linux Kodachi Kit Items

BENEFITS

1) *Anonymous browsing over the internet.*
2) *All connections to the internet are forced to go through the VPN and then network with DNS encryption*
3) *Leave no trace on the computer you are using unless you ask it explicitly*
4) *It has state-of-art cryptographic and privacy tools to encrypt files, emails, and instant messaging.*

COMPONENTS

THE KIT INCLUDES:

- *Lenovo Laptop with Kodachi OS installed*
- *Nanuk 923 Laptop Hard Case*
- *SanDisk Ultra Fit Flash Drive*
- *OnlyKey Password Manager*
- *GL-MV1000W Brume-W High-PerformanceVPN*
- *YubiKey Security Key*
- *Aegis Secure Key*
- *GL-XE300 Puli Wireless Router*
- *PortaPow USB Data Blocker*
- *Mission Darkness Faraday Bag for Phones*
- *Security Guidelines & Linux Kodachi Guide*
- *K68 RF Detector*

AWARDS

Kodachi operating system got a number of international awards. Some of them are listed below:

- *Kodachi Operating System got the first position in the "Best Linux Distro for Privacy and Security Competition" for three consecutive years (2020-2022) held by Techradar Magazine.*
- *In 2020, Linux Format UK Magazine ranked Kodachi Operating System as the "Number 1 Privacy Distro".*
- *It received "The Lab Hot Product Award" for August 2021 by Australian APC Magazine.*
- *Earned the title of "The Best OS for Security and Privacy 2021" by Techradar Magazine.*
- *Earned the title of "The Best OS for Security and Privacy 2021" by LinuxHint.*
- *Ranked First on Privacy at DistroWatch (2019).*

PUBLIC SPEECHES

- Middle East College Muscat Oman *(Digital Security, 2014)*
- Muscat securities market *(Security Awarness,2015)*
- Google programing competition SQU - ACM *(Security Today, 2016)*
- Free & Open Source Software Conference SQU *(Linux Kodachi 2017)*
- Banks Cyber Defence and Network Security Oman Banks Association Event *(Panel Moderator, 2017)*
- Windows 2000 *(Security Awarness,2018)*
- IT knowledge for all Daleel petroleum *(Linux Kodachi 2019)*

PUBLICATIONS

• "Apple iOS information leakage"	*MAY , 2020*
• "Validating VPN nodes"	*NOV, 2019*
• "Moving from PHP 5.6 to 7.3"	*NOV, 2019*
• "Migrate from Vbulletin to Burning board"	*MAR, 2016*
• "Getting marketing emails to the Inbox"	*MAR, 2015*
• "IOS Tips keyboard shortcuts"	*FEB, 2015*
• "SSL Evaluation for Oman Banks"	*DEC, 2014*
• "Automate backups from Linux servers to Amazon cloud"	*NOV, 2014*
• "Beyond Vbulletin functionality"	*JUN, 2014*
• "Setting VNC repeater on Linux"	*MAY, 2014*
• "Validating proxy via PHP"	*MAY, 2014*
• "How to process email attachments automatically on Linux"	*APR, 2014*
• "Make use of Digital Ocean VPS API with PHP wrapper"	*MAR, 2014*
• "The art of port forwarding on Linux"	*MAR, 2014*
• "Mining Crypto currency"	*SEP, 2013*
• "Mitigating the Beast and Heartbleed attack on SSL TLS grade A+"	*AUG, 2013*
• "Sanitize data and prevent SQL injections in PHP"	*JUN, 2013*
• "How to protect your WordPress external links"	*JUN, 2013*
• "Secrets on Digital Forensics"	*JUN, 2013*
• "Linux world the guide you need"	*MAY, 2013*
• "Extracting SSL fingerprints"	*MAY, 2013*
• "Ways to deliver your messages securely"	*MAY, 2013*
• "Cloud storage solutions"	*MAY, 2013*
• "Vbtube mass delete script and mass correction"	*MAY, 2013*
• "Things to avoid while using Truecrypt"	*MAY, 2013*

AFFILIATION

2012

Information Systems Audit & Control Association (ISACA), *Member*

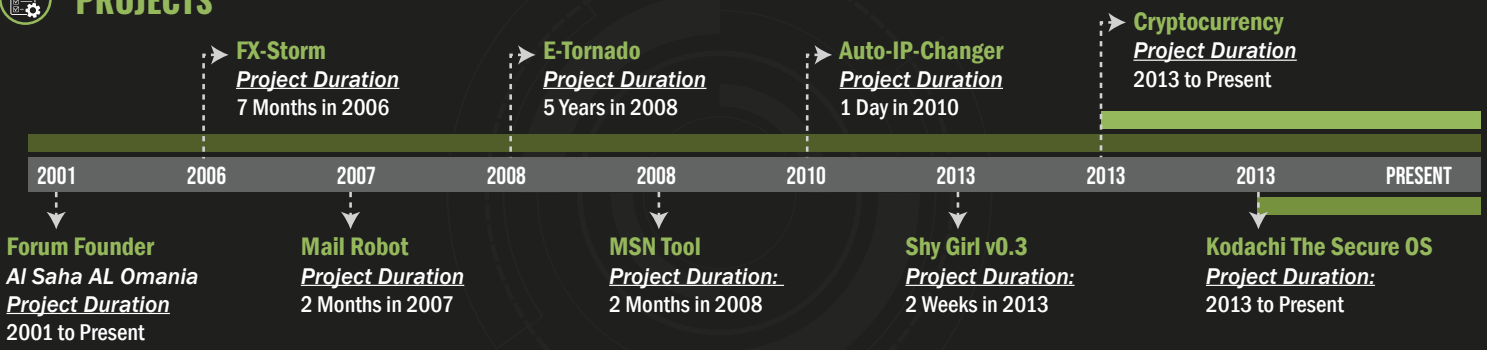
2016

Open Invention Network (OIN), *Member*

2016

Debian derivatives census, *Member*

PROJECTS



2001 PRESENT *Al Saha AL Omania* om77.net *Forum Founder*

First published Omani forum in Arabic for online discussion community; one of the most active sites with the largest user-base in Oman.

- Instrumental in enabling om77 to develop into a stable Community that has recorded more than 80M individual website visits in a 16-year period with 70% coming from within Oman.

2006 *FX-Storm*

This application will automate many of Forex (currency exchange) calculations for you such as Pivot, Camarilla, Fibonacci, charts, News, Entry points, and Exit points.

2008 *E-Tornado*

It's basically a remote control tool where you can monitor and perform various actions on other computers remotely.

2007 *Mail Robot*

This application can extract any number of mails (.eml) format files from given folders and convert them to a single pst file.
You will need to purchase aid4mail console for it to work.

Project components:

- Client in VB where you use to connect to the server.
- Server in Delphi where it listens for connection from the client and the Notifier.
- Notifier in VB where it accepts signals and forwards them to online clients.

2008 *MSN Tool*

Ever forgotten your msn password well this application will try all possible password from local Database against imported list of addresses.

2010 *Auto-IP-Changer*

If you have a windows server which has many IP's assigned to it and you need to change them automatically according to specified interval then this tool will do the job for you.

2013 PRESENT *CRYPTOCURRENCY*

In 2013 he got involved with the first Cryptocurrency project he could not but fall in love with the blockchain. Not long after he experienced coding custom cryptocurrency applications as well build up his own mining rigs and pools. In result he developed strength in areas of:

- Bitcoin, Ethereum, altcoins, clones, tokens smart contracts, ICOs, White-papers and just about anything crypto.
- Investing, performing investment analyses and making recommendations as to areas of growth, particularly in emerging
- blockchain industries.
  Trading, hedging cryptocurrency transactions for some of the newest dApp platforms, using cryptocurrency futures contracts to stabilize cash flows.

2013 *SHY GIRL V0.3*

This script will automate all necessary information gathering tools from a given domain its useful for penetration testing tasks.

SELECTED TECHNICAL PROFICIENCIES

DEVELOPMENT

Languages: Visual Basic, Visual Studio, Java, C, C++, Delphi, SQL, HTML, XML, FoxPro, MQL, PHP, Microsoft Visual J++, Pascal, Python, Pearl, Bash scriptin, Gambas
Databases: MS SQL, MY SQL, Oracle

APPLICATIONS

Microsoft, Adobe applications, sandbox, graphics, reverse-engineering applications, Virtualization.

ENVIRONMENTS

Platforms: Windows, z Server, Linux (Debian/Redhat)
Internet/Web Services: IIS, Apache, Nginx, LiteSpeed, Bind, DNS, Cloud systems

SECURITY TOOLS

Proxy/VPN Admin: Squid Web Server, Polipo, Open-VPN, pptp, Web proxy, proxy chains
Intrusion Detection/Prevention: Proventia (NIPS), 3COM Tipping point (NIPS), Cisco Security Agent (HIPS), Snort (NIDS), CSF firewall, Mod security, End point solutions
Penetration Testing: Kali, Metasploit, Nessus, Cain & Abel, Nikto, Nmap, Ettercap, Retina, Webscarab, Ethernet, Acunetix, Netifera, WarVOX, Port forwarding, VNC Repeaters
Crypto: OpenSSH, Stunnel, GnuPG, PGP enterprise, Smime, Vera crypt, Digital currencies (Custom mining and pools), SSH security Hardening, Linux Server security hardening
Forensic Tools: Scalpel, Sleuth Kit, SPADA, Forensic-SIM, PyFlag, celldek logicube, cellebrite, EASEUS, Mobile edit, oxygen mobile forensic, MD5 cloning devices, Guidance Software Encase, Access Data

AWARDS

- Efficiency medal
- Commandments medal
- Medal of the royal praise
- Long service and good conduct medal
- Innovation CompetitionAward from the ITU - Arab Regional Cybersecurity Center

PERSONAL DETAILS

Date & Place of Birth
August 25, 1977
Muscat

Nationality
Omani

Languages
Fluent in Arabic and English

Hobbies
Martial arts
Fitness

REFERENCES AVAILABLE UPON REQUEST