# Alon Shoam

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✔  סיווג ביטחוני רמה 2 קהילייה

## Summary

Software engineer with a bachelor's degree in Computer Science, with a strong and diverse experience in R & D at Cuber-security solutions & Start-up as a researcher, architect, DevSecOps lead, CTO, R & D Group Manager.

Proficient in infrastructure, security, DevOps, SecOps, Cloud security,AWS, Azure, SaaS, various coding languages, frame works and environments.

Strong troubleshooting and multi-tasking skills, a team Player with strong analytical, documentation, and communication skills.

## Employment Experience

2020 – Current: **Co-founder** and **CTO** at Sec4cyber (Cyber Security Start-Up) –
ClouDefender - a Real Time cyber security SaaS for cloud – Vms,Containers, Kubernetes, IoT devices, On-Premise, Cloud - Web servers, Data Centers -
Virtual machines, Kubernetes, Containers, cloud services.

Key Responsibilities:  providing advanced IT solutions, with information security specialization. Consulting and integration to a wide range of client's design and architecture and integration of Hardware and software, **cyber security** systems,
   ✓ Establish **SaaS/PaaS Cuber-security Startup**, lead the teams, researching and architecture, Manage all technology aspects.
   ✓ Developing cloud infrastructure (production)- infrastructure as a code, **PaaS, SaaS.**
✓ Leading and mentoring R & D, managing all technology aspects – IT, security, DevOps.
✓ Architecture-object oriented design & coding **C, C++, Python** on **Linux** and **RT embedded** Linux platforms.
✓ Design and Developing architecture for **cloud security** and **deployment solutions**.
✓ Technical product Owner- planning rod map and design API, UI, UX
✓ Agility- Scrum Master – Managing Agile development group

✓ Managing R&D budget, Global RD Financial planning consolidation
✓ **Focal point to Corporate BP&A- receive guidance and implement in R&D**
✓ **Developing** for security**, vulnerability assessment** and **exploit** development.
✓ **Architecture and design Fullstack WEB solutions.**

✓ **Developing** for security**, vulnerability assessment** and **exploit** development.
✓ **Architecture and design Fullstack WEB solutions.**

**2016 – 2020:** DevSecOps Lead at SEC4CYBER.

 Key Responsibilities:

 providing advanced IT solutions, with information security specialization. Consulting and integration to a wide range of client's design and architecture and integration of Hardware and software, Web Applications security – DevOps and developing Automation, developing cloud infrastructure – DevOps projects from scratch,

Leading the DevOps Manifesto.

   ✓ Establish DevOps, SecOps -  services, consulting and **SaaS/PaaS Startup**, lead the teams, researching and architecture, Manage all technology aspects.
   ✓ Leading &mentoring DevOps Teams, R&D teams.

   ✓ Developing cloud infrastructure (production)- infrastructure as a code
   ✓ Architecture-object oriented design & coding C, C++, Python on Linux and RT embedded Linux platforms.
   ✓  Researching Docker, the world leading software container platforms and

      Design a solution for Public cloud for CISCO cloud services.

✓ DevOps –CI/CD/BUILD Pipelines, DEVOPS processes: Git, Jenkins, BITBUKET(GIT), Java Spring Boot, Terraform, Ansible, Kubernetes – K8s, Virtualization, Web Services, Docker, PowerShell, Jira, OpenStack, OPENSHIFT.

✓ Experience with an CI/CD automatic build and write pipeline and continuous integration servers (e.g. Jenkins)

✓ Developed & Designed (DevOps, Big Data, Cyber Ops) in Technologies:
  ➢ Lecturer to software Engineering courses at Ariel university.

**2013 – 2016:** CISO at Intelligence - Government Prime Minister office

✓ Developed & Designed (DevOps, Big Data, Cyber Ops) in Technologies:

**2009-2013:** CISO CTO - Information Security at Intelligence unit - Israel Defense Force (IDF)

✓ Sec/DevOps –CI/CD/BUILD Pipelines, DevOps processes, WEBSPHERE / Apache/Tomcat IIS.

✓ Leading and Managing Networking & Security teams – 20 Professional engineers/ Consultants.

**2004 – 2009:** IT Manager-Networks, System, Information Security Team Leader,

Outsourced at Ness Technologies in governments offices and Bank.

✓ Supervisor of - 7 ICT system, Networks security professional engineers.


## Technological Skills

✓ **DevOps CI/CD: Git,** Jenkins, Bitbucket, (GIT), Java, Node.JS, **Terraform**, Ansible, **Kubernetes – K8s**, Virtualization, Web Services, Docker, Linux, PowerShell, Jira, OpenStack, OPENSHIFT, APIM.

  ➢ Experience with an CI/CD automatic build and write pipeline and continuous integration servers (e.g., Jenkins).


✓ Strong experience with **Docke**r virtualization – **Cloud –AWS**, AZUR, **GCP** (Google Cloud Platform) and etc.


✓ **Big Data:** Hadoop, MySQL, Redis, Oracle, PostgreSQL, MongoDB, Elasticsearch.

✓ Web App Development, code scripting and design languages:

  ➢ **C,** C++, **Linux-Bush**, /Perl, **Python**, Django, Flask, REST API, Open source, HTML, CSS, YML, **Groovy**, Java, Build tolls, MICRO SERVICES, **Java Script**, Node.JS. Experience with Agile processes.

✓ Management and development methods: Agile, Gunt management, Continuous Integration methods, Continuous Delivery methods, Automate Everything, Task management, financial regulations,

✓ Experience in OA tests automation – writing **Python tests** scripts and tools like Selenium, **Jenkins** and etc'.

✓ Network security, **Application** and **product security** security, **Cloud security**.

  ➢ Deep experience in design and development of **Web Application** and **cloud security products**.

    Monitoring tools: Zabbix, Grafana, Prometheus, Dynatrace, Kibana.

✓ **Linux:** BASH: Shell Scripts, Ubuntu, Debian, Centos, RedHat, Kernel modules Programing, Package Management (APT), Apache.

- ✓ Strong Experience in **Linux/Windows** administration / development / DevOPs / Architecture / Management / Planning, deep Experience with networks virtualization.
- ✓ Network Security, **Cloud Security**, Reporting Services, Web Application security, Software Security - SSDLC,

- ✓ **Networking:** TCP/IP, IPSEC, SSL/TLS HTTP/s, DHCP, DNS, Routing protocols
- ✓ Experience in managing multiple, cross-functional teams.
  - ➤ Technical expertise and a solid understanding of software security engineering.
- ✓ Experience with **Block-chain** and Crypto Services platforms.

- ✓ Penetration testing of Networks and Web Applications – including REST/SOAP APIs and platform assessments. Hardening guidelines weaknesses/ Vulnerabilities and closing gaps in infrastructure and applications.


## Education

2001-2005: (B. Sc.) bachelor's degree in Computer science–graduate  "Tel Aviv University"

2004:     MCSE – Microsoft Certified - Self Learning.

2005: CCNA – Cisco Certified - Self Learning.

2007: Linux Admin

2012: CISSP – Information security worldwide certification

2022: Azure/AWS Cloud solution Architect

## Languages

Hebrew mother tongue, Fluent English, Basic Spanish/Portuguese, good Arabic,

## Military Service

A warrior - sniper, an Officer – Platoon leader at a special unit in Israel Defense Forces.