CV – Avi Zaguri

Contact Details:

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Education:

2018-2020: M.Sc. Technology Management, Specialization in Systems Engineering, HIT Holon, Final Project (Research-Comparative) called "Evaluation of System Modeling Tools and Methods for Industrial Applicability".

- The project is presented in a number of committees and conferences in Israel and around the world, and is in the process of publishing an article in MDPI. In addition, the project won the title of "Outstanding Project"

2014-2018: B.Sc. Electrical and Electronics Engineering, specializing in network engineering, HIT Holon.

2010-2012: Diploma of electronics at Amal B College, Petah Tikva. Average 94, final project "Electronic walking stick for the blind", score 98.

2007-2010: "Yitzhak Navon" High School, Holon, majoring in Business and Economics, with a full matriculation, certificates of excellence in tenth and twelfth grades.

Military Service:

2015-2016: Permanent Service in the Air Force, Missile Experiments Unit (YANT), responsible for preserving professional knowledge in the technical system.

2012-2015: Compulsory service in the Air Force, Missile Experiment Unit (YANT), network, and Computer engineer.

Experience:

2018-Today: Python developer at Airspan Networks

- Technical leader - Under my authority was given the leadership of all projects related to the development of internal organizational applications and the development of automation infrastructure.
- Development of automation infrastructure for the entire company.
- Development of internal organizational applications that optimize many work processes and have become a major component in the company's decision-making process, for example:
  - An application for building automation scenarios. The app includes full python infrastructure, a link to the website which was built with Django + React, an interface to Jira, PostgreSQL and, Jenkins. Today the application constitutes all the automation infrastructure of the organization and in fact saved an entire team that support the previous application (which was a shelf product - Jsystem)
  - An application that operates 24/7 for crash analysis for all the hardware in the company and for customers who have decided to upload crash logs to a dedicated server, opening a suitable Defect that includes all the relevant information and conclusions of the analysis of the data.
  - Application for MTBF analysis of all hardware, sorting by Feature, Version, and Client.
- Management of processes, assimilation, and upgrading of systems from the moment of their acceptance/implementation of the change to their operationalization (including integration), writing manuals, and transferring the knowledge in an orderly manner to the operator.
- Writing various documents related to the various application development processes (SRS, etc.).

2016-2018: Technical leader - Network and security engineer - Rafael.

- Planning, design, characterization, integration of new architectures in the organization, analysis, and improvement of the existing architectures in the organization.
- Writing and complying with Ministry of Defense surveys on all issues of the network, computing, and information security, while analyzing the network and drawing conclusions.
- Management of implementation processes and upgrading systems from the moment they are accepted/made the change until they become operational (including integration).
- Optimizing network performance, starting with communications equipment (such as cisco: 29xx, 45xx, 37xx, 38xx.), computing, F.W infrastructure, and more.

2012-2016: Mandatory + permanent service.

- Network engineer and systems administrator (management of several networks).
- Setup, and maintenance of switches & routers, including support and resolution of complex network faults.

- Engineering and redesigning the network to meet the growing demand from customers and new projects.
- Extensive experience in setting up network sites from scratch.
- Work and manage the Active Directory and GPO, including technical support for the entire organization.
- Responsible for information security and management of the antivirus system (including McAfee EPO server).

Additional skills:
- Development according to design patterns such as Abstract Factory, Singleton, Adapter, Observer, Strategy, and etc.
- Knowledge and experience with OOP and libraries such as Paramiko, Pandas, Numpy, Tkinter, Jira, Elasticsearch, Plotly, Matplotlib, Logging, request, beautiful soup and etc.
- Knowledge and experience with Django framework.
- Knowledge and experience with Robot framework.
- Knowledge and experience with REST API such as Jira, Confluence and etc.
- Work with databases such as PostgreSQL
- Knowledge and experience with analysis software such as Wireshark, and etc.
- Understanding Windows / Linux workspaces. Scripting (Windows / Linux)
- Knowledge and experience with many motion injection tools such as Spirent, IxLoad, and etc.
- Extensive experience in teamwork, managing and prioritizing tasks, working under great pressure and at non-routine hours 24/7.
- Familiarity with Win \ Linux work environments. Writing scripts if necessary (Win / Linux).
- Knowledge of programming languages: C, Assembler, VHDL, MATLAB, Python, Java.
- Knowledge of network protocols: Vlan, ACL, STP, Port-channel, HSRP, OSPF, EIGRP.

Courses:
- Python – Udemy
- CCNP – JBH
- CCNA – IITC
- Cyber protections - theoretical, On behalf of the Technion.
- Cyber practical - theoretical, On behalf of the Technion.

Languages: Hebrew - Native, English.
Security classification: civilian level 2.

✓ **Has motivation, discipline, and self-initiative, ability to learn and adapt quickly, willingness and compliance with hard work, loves challenges, ability to withstand stressful situations, has good interpersonal skills, responsibility, and reliability.**

** Recommendations will be given by demand.   ** Please maintain discretion.