

MATAN AFRIAT

Senior Software Developer with 5 years of experience in building large systems, web applications and mobile applications

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SUMMARY

I am an experienced senior software developer at the IDF with a proven track record of designing and developing high-quality systems, applications and web applications.

EXPERIENCE

Senior Software Developer

IDF 2023 - Present Tel-Aviv, Israel

- Re-designed and developed an android application used for sending/receiving encrypted messages.
- Developed two android libraries which were widely used within my unit.
- Was the tech leader of a backend API with flask and MongoDB used to store and query large amounts of data.
- Created an Apache NiFi system used to alert clients in multiple units by email if any important information was found using regex expressions.
- Utilized dockers and docker-compose to allow non-technological clients to easily mass produce and deploy in both online and offline environments.

Software Developer/Talent Acquisition Specialist

IDF 2022 - 2023 Tel-Aviv, Israel

- Led the talent acquisition procedure for Gamma cyber and software development courses in unit 81.
- Was in charge of interviewing, grading and selecting 115 out of 1000+ contenders.
- Developed a python excel parser to re-organize contenders results and information in a readable html document.
- Designed and developed a python backend application for managing all contenders information easily.

Software Developer

IDF 2019 - 2022 Tel-Aviv, Israel

- Developed features in a large system that allows performing remote operations on virtual machines using Python.
- Re-designed and developed a system which enables users to write simple python tests on multiple virtual machines at a time.
- Created gitlab CI/CD routines for all systems in my team, utilizing pytest for system and unit testing.
- Developed a web based task scheduler for scheduling virtual machine tests.
- Done blackbox/network research utilizing wireshark, 010editor, process explorer and process monitor.
- Was in charge of designing and managing an internal staff training program for newly recruited software developers in our team.

EDUCATION

Highschool Education

Ort Givatram

2012 - 2018

Cyber Program

Magshimim

2016 - 2018

Gamma Program, IDF

Gefen Course

03/2019 - 06/2019

TECH STACK

Python	Javascript	Java	Android
Typescript	SQL	NoSQL	SQLite
MySQL	MongoDB	Flask	Django
Rest API	Ubuntu	Windows	CI/CD
Docker	Docker-compose	Git	
Virtualization	Apache NiFi	Nginx	
Networking	Powershell	Bash	
Wireshark	Self Learning		

PASSIONS

 Calisthenics

 Gaming