

Nir Alon

Permanent Resident | +1 (480) 689-3568 | [Portfolio](#)

B.Sc Software Engineer, Minor: Software & Cybersecurity

Summary

Experienced Backend Engineer specializing in designing and implementing secure, efficient, and scalable production systems. Seeking opportunities to apply and expand my backend and infrastructure skills.

Skills - Python, Go, Bash, Multithreading, Asyncio, Microservices, Flask, FastAPI, Django, Linux, Jenkins, Docker, Kubernetes, CI/CD, MongoDB, Elastic stack

Experience

Software Engineer, Freelance, Jan 2025 - present

- Providing cloud infrastructure solutions for small businesses, accelerating supply chain workflows through implementation of cloud tools and automations.
- Developing lightweight microservices and client-server architectures using gRPC in Python and Go, enabling seamless communication across distributed systems.

Infrastructure Engineer, Appdome, January 2022 - December 2024

- Collaborated with cross-functional teams to design and develop modular security components that can be flexibly integrated to meet diverse customer requirements.
- Managed a wide variety of challenges spanning multiple programming languages, tools and customer escalations.
- Leveraged multi-threading and core programming principles to efficiently resolve critical production and non-production bottlenecks.
- Transformed monolithic architectures into agile microservices using containerization and diverse cloud services.
- Spearheaded a mobile security test automation suite, integrating advanced cybersecurity tools and elastic data analytics.
- Mentored junior engineers and conducted thorough code reviews to uphold coding standards and accelerate team development.

Technical Support Engineer, IBM, October 2018 – January 2021

- Investigated and solved various technical issues, minimizing downtime for engineers.
- Ensured optimal performance and reliability of software and hardware infrastructure, resulting in improved operational efficiency.