

**Amichai Hadad**

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**Summary**

Highly motivated Software Engineer with 3+ years of experience developing scalable, high-performance solutions, including a patented algorithm that improved cellular network efficiency by 27%. Proven expertise in Python, Java, , and cloud development, with a focus on serverless architectures. Seeking to leverage my skills in networking, security and software engineering

**Skills**

- **Languages:** Java (Expert), Python
- **Cloud:** nMVE
- **Frameworks:** Spring Boot, Kafka, FastAPI
- **Databases:** Elasticsearch, MongoDB
- **DevOps/Practices:** Agile, CI/CD (GitHub, Jenkins), Code Reviews, OOP, Multi-threading
- **Networking/Security:** Deep Packet Inspection, SNI Inspection, Network Analysis, Security Best Practices

**Experience****Flash Networks | Software Developer/Engineer, R&D Video Team | 08/2021 – 02/2025**

- Developed and patented an algorithm improving cellular cell utilization and internet speed by 27%.
- Developed and deployed a modular cloud-based system using Python, Java.
- Led network analysis using SNI inspection and deep traffic protocol inspection.
- Designed and implemented multi-threaded applications for high-performance data processing.
- Contributed to the Data Management Development Team, enhancing data pipeline performance.

**Ariel University | Teaching Assistant (Logic and Set Theory) | 2019 – 2021**

- Assisted in teaching, curriculum development, and contributed to a social network platform project.

**Military Service | Electronic Warfare and Cyber | 2014 – 2018**

- Commander in an advanced course for sergeants on electronic warfare. Established battlefield processes for electronic warfare, including a joint combat doctrine.

**Education**

**B.Sc. Computer Science and Mathematics (Cyber Security) | Ariel University – Dean's Honor**

**Languages**

Hebrew (Native), English (Fluent)