

# Barak Olshevitzky

## Backend Engineer

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**Backend Engineer** with 5 years of experience in cloud and microservices.  
Passionate about scalable systems and cybersecurity.

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### EDUCATION

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**Gefen – Gamma** Course of the IDF Intelligence Corps.

Magshimim (A 3-year course in highschool)

Bagrut certificate with honors.

Currently studying CS in the Open University

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### EXPERIENCE

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#### **81 Technological Unit of the Military Intelligence – Backend Engineer**

February 2019 - January 2022 (3 Years)

Designed and implemented a high-scale backend system from the ground up to support multiple IDF units.

Implemented a comprehensive CI/CD pipeline with GitLab and ArgoCD, providing extensive testing coverage, and reducing release cycles.

Acted as a key knowledge resource for team members, providing guidance for newcomers, and creating training plans.

#### **81 Technological Unit of the Military Intelligence – Android R&D**

January 2022- December 2022 (1 Year)

Researched an Android app and exploited vulnerabilities through code, focusing on Java, OOP principles, and database analysis.

#### **Kovrr – Cyber CRQ – Backend Engineer**

November 2023 - Present (1 Year 4 Months)

Developed multiple integrations with cyber products, including Axonious, Tenable, Tanium, CrowdStrike, and more.

Developed and optimized asynchronous microservices using message queues and cloud services, deployed on Kubernetes for scalability and reliability.

Implemented robust error handling and logging mechanisms using ELK stack, reducing mean time to resolution for production issues by 40%.

#### **Personal projects**

Algo-trading software, working with IB-brokers API, on top of GCP, and using Python and Pandas.

Various AI tools that I made for fun, including both frontend and backend.

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### SKILLS

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Python, TypeScript, Java, C, C++, OOP

Node.js, FastAPI, Django

Rest API, GraphQL

SQL, NoSQL, MySQL, PostgreSQL, MongoDB, SQLite

AWS, GCP, Firebase, Docker, Kubernetes, CI/CD, Microservices, ArgoCD, Elastic, Kibana, Prometheus, Grafana