

Hen Shiryon

+972525369791 | hens2013@gmail.com | [LinkedIn](#) | [GitHub](#)

Experienced **Backend Engineer** with over **5 years** of experience in designing and implementing scalable, secure, and efficient backend systems. Proficient in Python, event-driven architecture, and cloud platforms such as **AWS** and **GCP**. Skilled in **RESTful APIs**, **database optimization**, and **CI/CD practices**. Adept at building **microservices**, enhancing system performance, and ensuring secure data integration. Passionate about contributing to cutting-edge blockchain and Web3 security solutions. A collaborative team player with problem-solving skills who thrives in dynamic environments.

Experience

Backend Engineer | [Kimonix](#) | 2023 – present

- Designed and implemented **REST APIs** and **GraphQL** endpoints, improving data interaction and integration.
- Spearheaded initiatives to improve system security and scalability through cutting-edge technologies.
- Engineered **serverless** services on **Google Cloud Platform (GCP)**, leveraging tools like **Cloud Functions** and **Pub/Sub**, Kubernetes for efficient deployment.
- Optimized database MongoDB performance, employing advanced indexing strategies to enhance data interaction.

Backend Engineer | [Stargo](#) | 2022 – 2023

- Developed and maintained scalable backend solutions within a microservices architecture using **FastAPI** and **AWS** services.
- Enhanced data workflows with **Pandas** and **NumPy**, ensuring data integrity and streamlined processing.
- Built asynchronous workflows to boost system responsiveness and reduce latency.
- Collaborated with cross-functional teams, improving code maintainability through **design patterns** and **optimization**.
- Designed and developed **serverless** services on **AWS** using tools **Lambda**, **S3**, and **API Gateway**, **SNS**, and **SQS**.
- Used **NoSQL** databases (**MongoDB**).

Backend engineer | [Newt](#) | 2020 – 2022

- Engineered Python-based applications using **Django**, **FastAPI**, and **Flask** frameworks with **PostgreSQL** databases.
- Designed scalable **microservices** and deployed them on **AWS EC2** using **Docker** and **CI/CD pipelines**.
- Integrated third-party systems and streamlined communication using **RabbitMQ**.
- Implemented algorithms for data analysis using **Pandas** and **Numpy** libraries, optimizing workflows and enhancing data integrity.

Solider | [Israeli Air Force](#) | 2015-2018

- Strengthened problem-solving and collaborative skills in a high-pressure.

Education

B.Sc. Software Engineering | Afeka college of engineering | Graduated 2023

- Object-oriented programming – OOP, advanced algorithm, complexity theory.

Volunteering

Python Developer | [Code for Israel Association](#) | 2023 – 2024