

Hen Shiryon

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

Experienced Backend Engineer with **5+** years of expertise in **Python**, **cloud infrastructure**, and scalable **microservices** architecture. Proven ability to design, implement, and optimize backend systems in dynamic, collaborative environments. Specializing in **Infrastructure as Code** (IaC), **distributed systems**, and **AWS** cloud solutions to deliver robust, high-performance applications aligned with business objectives. Passionate about leveraging cutting-edge technologies to deliver innovative and impactful solutions. A collaborative team player with problem-solving skills who thrives in dynamic environments.

Experience

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

- Designed and maintained **REST APIs** and **GraphQL** endpoints for high-performance data interaction and integration.
- Built **serverless Backend** services using **Google Cloud Platform (GCP)**, leveraging tools like **Cloud Functions** and **Pub/Sub**, Kubernetes for scalable deployment.
- Led initiatives to integrate new technologies, significantly improving system scalability and performance.
- Enhanced database performance through advanced indexing strategies using MongoDB.

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

- Developed scalable backend solutions within a **microservices** architecture using **FastAPI** and **AWS** services.
- Spearheaded cloud-native solutions, including **Infrastructure as Code (IaC)** using **Terraform**, ensuring efficient and reliable backend services.
- Collaborated with cross-functional teams, improving **code maintainability** through **design patterns**.
- Architected and implemented scalable backend systems within a **microservices** architecture, utilizing **AWS** services like **Lambda**, **S3**, **SQS**, **SNS**, and **DynamoDB**.
- Used **NoSQL** databases (**MongoDB**).
- Designed and implemented APIs, ensuring seamless integration across multidisciplinary teams.
- Optimized data pipelines with **Pandas** and **NumPy** for efficient analytics.

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

- Developed **Python** applications using **Django**, **FastAPI**, and **Flask** frameworks with **PostgreSQL** databases.
- Orchestrated **microservices** deployment with **Docker** on **AWS EC2**, implementing **CI/CD** pipelines for streamlined workflows.
- Enhanced inter-service communication with **RabbitMQ** and designed scalable distributed systems.
- Built and optimized algorithms for **data analysis** using Python libraries, ensuring data integrity and performance.

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