

# Hen Shiryon

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

Experienced Backend Engineer with over 5 years of experience in designing, developing, and maintaining scalable backend systems for web-scale and blockchain-based applications. Proficient in Python, focusing on serverless architecture, cloud technologies, and distributed systems. Strong background in developing secure, robust, scalable infrastructure in dynamic environments. A collaborative **team player** with **problem-solving** skills who thrives in **dynamic environments**. Passionate about Web3 innovations, decentralized ecosystems, and cutting-edge blockchain technologies.

## Experience

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

- Designed and maintained REST APIs and GraphQL endpoints using FastAPI to enhance interoperability.
- Took end-to-end ownership of projects, from **designing** and **architecting scalable microservices** to deployment and maintenance in production environments.
- Implement **serverless** services on **Google Cloud Platform (GCP)**. Utilizing
- **Kubernetes** for deployment scalability.
- Integrated new technologies and frameworks to enhance performance and scalability.

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

- Processed data-intensive workflows with **Pandas**, **NumPy**, and **OCR algorithms**.
- Developed and Managed **serverless microservices** using AWS **Lambda**, **S3**, **CloudWatch**, **SNS**, **SQS**, and **API Gateway**.
- **Collaborated** cross-functionally to enhance code maintainability through advanced **design patterns and best practices**.
- Utilized **MongoDB** for database management in distributed environments.

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

- Engineered **Python** applications with frameworks like **Django**, **FastAPI**, and **Flask**, integrating **PostgreSQL** for robust database management.
- Designed containerized **microservices** using **Docker** on **AWS EC2**.
- Streamlined **CI/CD** workflows with **GitHub** Actions, improving deployment reliability.
- Leveraged **RabbitMQ** for efficient message **queuing** in multi-service systems.
- Conducted **data analysis** for specialized projects, utilizing tools like **Pandas** and **NumPy**.

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

- Developed technical acumen and teamwork in high-stakes environments.

## 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