

# Hen Shiryon

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Experienced **Backend Developer** with over **5** years of expertise in **Python**. Specialized in designing, developing, and maintaining scalable **backend** systems and **distributed applications**. Demonstrates proficiency in **microservices** architecture, database optimization (**SQL** and **NoSQL**), and **cloud** technologies. Adept at mentoring team members, integrating cutting-edge tools, and delivering robust, secure solutions in dynamic environments. Seeking to contribute to innovative cyber threat intelligence solutions at KayHu

## Experience

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

- Architect and develop scalable backend solutions leveraging **microservices** architecture.
- Design and maintain **REST APIs** and **GraphQL** endpoints, using **FastAPI** integrations to enhance system interoperability.
- Took **end-to-end** ownership of projects, from **design** and **architecture** to **deployment** and maintenance
- Implement **serverless** services on **Google Cloud Platform (GCP)**. Utilizing
- **Kubernetes** for deployment scalability.
- Lead the integration of new technologies, prioritizing efficiency and scalability.

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

- Processed data-intensive workflows with **Pandas**, **NumPy**, and **OCR algorithms**.
- Developed and Managed **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 Developer | [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