

Hen Shiryon

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Experienced **Backend Developer (5+ years using Python)**. Specializing in backend system development and **distributed systems**. Strong track record in developing scalable and efficient microservices architecture. Experience in **cloud platforms** like **AWS** and **GCP**. hands-on experience implementing **CI/CD** pipelines. Skilled in working with both **SQL** and **NoSQL** databases and experience implementing data-intensive systems. Familiar with standard methodologies in software development like Jira, GitHub, and GitLab. A collaborative **team player** with **problem-solving** skills who thrives in **dynamic environments**.

Experience

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

- Architected and maintained scalable backend solutions using **Python**, **FastAPI**, **RestAPI**, and **GraphQL**, enhancing API performance and data interaction in a **microservices architecture**.
- Leading initiatives to research and integrate new technologies into the existing system, focusing on system efficiency and **scalability**.
- Developing **serverless** services on **GCP** using tools such as **Cloud Functions** and **Pub/sub** leveraging **Kubernetes** for efficient deployment and scalability.
- Designed and optimized **NoSQL databases**, including **MongoDB**, by implementing **indexes** to enhance query performance and ensure high reliability.

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

- Developed asynchronous workflows and leveraged **Pandas**, **NumPy**, and **OCR algorithms** for data processing and analysis.
- Built **microservices** using **FastAPI**, integrated with **AWS** cloud services such as **Lambda**, **S3**, **CloudWatch**, **SNS**, **SQS**, and **API Gateway**.
- Collaborated with cross-functional teams, improving code maintainability through **design patterns** and **optimization**.
- Designed and optimized **NoSQL databases**, including **MongoDB**.

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

- Developed and maintained **Python backend applications** using **Django** and **Flask** with **PostgreSQL** for robust database management, integrating third-party systems and leveraging **RabbitMQ** for efficient messaging.
- Designed scalable and reliable **Docker**-based **microservices** on **AWS EC2**, streamlining deployments with **CI/CD** pipelines using **GitHub Actions**.
- Implemented a food nutrient comparison algorithm using data analysis tools like **Pandas**, and **NumPy**.

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

- Gained technical and collaborative skills in a team-oriented, high-pressure environment..

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