Hen Shiryon

0525369791 | hens2013@gmail.com | [LinkedIn](#) | [GitHub](#)

Experienced **Backend Engineer (5+ years using Python)**. Skilled in building backend systems using **FastAPI**, **Django**, **SQL, No-SQL**, and **Flask**. Strong expertise in designing scalable **microservices solutions** while working with cloud platforms like **AWS** and **GCP**. Familiar with standard methodologies in software development like **Jira**, and **GitHub**, **GitLab**. Familiar with **cybersecurity** principles, including secure coding practices, data protection, and access control. A collaborative team player with strong problem-solving ability who thrives in dynamic environments.

Experience

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

- Working in a team of 2 developers, building a web e-commerce platform using **MVC architecture**.
- Maintaining and developing **Rest APIs**, including **GraphQL** and **FastAPI**, to improve data interaction and integration.
- Leading initiatives to research and integrate new technologies into the existing system, focusing on system efficiency and **scalability**.
- Configuring and managing system operations with **Google Cloud Platform (GCP)**, utilizing **Docker** for **containerization** to streamline development and **scaling**.
- Using **MongoDB**, including using **indexes** to improve query performance.

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

- Worked in a **Microservices Architecture** to develop scalable backend solutions using **FastAPI** and **AWS** services.
- Collaborated with cross-functional teams, improving code maintainability through **design patterns** and **code optimization**.
- Developed asynchronous workflows and leveraged **Pandas**, **NumPy**, and **OCR algorithms** for data processing and analysis.
- Utilized AWS **Lambda**, **S3**, **CloudWatch**, **SNS**, **SQS**, and **API Gateway** to manage **microservices** in the cloud and **MongoDB** as a Database.

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

- Developed and maintained various Python applications utilizing frameworks such as **Django**, **Fast API**, and **Flask**, coupled with **PostgreSQL** for robust database management. Integrated with multiple third-party systems, including use of **RabbitMQ** for efficient message queuing.
- Implemented a food nutrient comparison algorithm using data analysis tools like **Pandas**, and **NumPy**.
- Developed a microservices architecture utilizing **Python**, with deployment orchestrated using **Docker** on **AWS EC2** instances, ensuring high scalability and reliability.

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

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