Hen Shiryon

+972525369791| hens2013@gmail.com | LinkedIn | GitHub

Experienced Backend Engineer (5+ years using **Python**) with experience in backend system development, distributed systems, and scalable microservices architecture. Proficient in **designing** secure, efficient, and maintainable backend solutions leveraging modern technologies like **Python**, **PostgreSQL**, **MongoDB**, and **GraphQL**. Adept at implementing **CI/CD** pipelines and working with cloud platforms such as **AWS** and **GCP**. Skilled in collaborating across teams to deliver exceptional value and drive technical excellence.

Experience

Backend Engineer | Kimonix | 2023 – present

- Took **ownership** of backend development for a web e-commerce platform, utilizing **microservices architecture** to ensure scalability and maintainability.
- Developed and maintained **REST APIs** and **GraphQL** endpoints, optimizing data interaction and integration.
- Led initiatives to evaluate and integrate new technologies, enhancing system **scalability** and efficiency.
- Designed **serverless** services on **Google Cloud Platform (GCP)**, leveraging tools like Cloud Functions and Kubernetes for efficient deployment.
- Optimized database performance using MongoDB, implementing advanced indexing strategies.

Backend Engineer | Stargo | 2022 – 2023

- Built scalable backend solutions within a microservices architecture using **FastAPI** and **AWS** services.
- Developed asynchronous workflows for enhanced performance and utilized Pandas and NumPy for data analysis.
- Collaborated with cross-functional teams, improving code maintainability through **design patterns** and **optimization**.
- Implemented cloud-native solutions to support backend services, including **AWS Lambda**, **S3**, and **API Gateway, SNS, and SQS**.
- Used **NoSQL** databases (MongoDB).

Backend Engineer | Newt | 2020 – 2022

- Developed Python-based applications using frameworks such as **Django**, **FastAPI**, and Flask, paired with **PostgreSQL**.
- Designed scalable microservices with Docker on AWS **EC2**, ensuring reliability and efficient deployment through **CI/CD** pipelines.
- Integrated third-party systems and streamlined communication using **RabbitMQ**.
- Implemented algorithms for data analysis using **Pandas** and **Numpy** libraries, optimizing workflows and enhancing data integrity.

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