Hen Shiryon

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

Senior Backend Engineer with a proven track record of delivering scalable, reliable, and efficient backend systems. Specializing in **Python**-based development, **cloud infrastructure**, and **microservices** architecture, with over **5** years of experience in designing and optimizing **distributed systems**. Adept at leveraging cutting-edge technologies to enhance platform capabilities and ensure seamless deployment. Passionate about leveraging cutting-edge technologies to deliver innovative and impactful solutions. A collaborative team player with problem-solving skills who thrives in dynamic environments.

Experience

Backend Engineer| Kimonix | 2023 – present

- Designed and maintained **REST APIs** and **GraphQL** endpoints for high-performance data interaction and integration.
- Led technology evaluations, integrating solutions to improve scalability and system efficiency.
- Built **serverless** services on **Google Cloud Platform (GCP)**, leveraging tools like **Cloud Functions** and **Pub/Sub**, Kubernetes for efficient deployment.
- Optimized database (**MongoDB)** performance, implementing advanced indexing strategies to enhance query speed.

Backend Engineer | Stargo | 2022 – 2023

- Developed and maintained scalable backend solutions within a microservices architecture using **FastAPI** and **AWS** services.
- Implemented **asynchronous** workflows for high-performance applications and employed **Pandas** and **NumPy** for **data analytics**.
- Implemented asynchronous workflows to enhance performance for data-heavy applications.
- Collaborated with cross-functional teams, improving **code maintainability** through **design patterns**.
- Delivered **cloud-native solutions**, integrating **AWS Lambda**, **S3**, **API Gateway**, **SNS**, and **SQS**.
- Used **NoSQL** databases (**MongoDB**).
- Enhanced code maintainability by employing design patterns and collaborating across multidisciplinary teams.

Backend engineer | Newt | 2020 – 2022

- Created and Engineered robust Python applications using **Django**, **FastAPI**, and **Flask** frameworks with **PostgreSQL** databases.
- Engineered robust and scalable **microservices** on **AWS EC2** using **Docker,** facilitating reliable deployments via **CI/CD** pipelines.
- Streamlined communication systems with **RabbitMQ** and optimized algorithms for data analysis using **Pandas** and **Numpy**.

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