

Hen Shiryon

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Senior Software Developer with over **5 years** of professional experience in designing and managing high-availability, scalable backend systems. Proficient in Python and experienced with microservices architecture, databases (MongoDB, PostgreSQL), and cloud platforms. Strong collaborator and team player, adept at full lifecycle development from design to production. Seeking to leverage expertise in building complex backend systems in a dynamic cybersecurity environment.

Experience

Backend Developer | [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.

Software Developer | [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.

Junior Backend Developer | [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, 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 Programing – OOP, Advanced algorithm, Complexity Theory.

Volunteering

Python Developer | [Code for Israel Association](#) | 2023 – 2024