

Yonatan Shimoni

Software Engineer

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About Me

Full of passion for solving challenges, curious, and driven by ownership. Love working in team-oriented environments.

Experience

DataDudes

FullStack Developer

Apr 2023 - Present

- Developed robust, scalable web applications for data science and machine learning use cases, handling tasks from initial concept through deployment.
- Engineered backend solutions using **FastAPI** and **Flask**, integrating seamlessly with **data processing** and **machine learning workflows**.
- Designed user-friendly interfaces with **ReactJS**, allowing for efficient management and interaction with data and models.
- Implemented **Celery** and **RabbitMQ** to efficiently manage heavy computational tasks.
- Utilized **Docker** Compose for consistent cross-platform deployments.
- Managed application deployment and scaling on **AWS EC2**.

MeNow

FullStack Developer Internship

Jan 2023 – Aug 2023

- Gained hands-on experience in full-stack application development.
- Developed and implemented new features enhancing user interaction.

Projects

- **Job Matcher:** Developed a job posts **scraper** using **Python**, **Selenium**, and OpenAI **GPT API** to match jobs with user experience.
- **AWS Spot Pricing:** Built a **PHP** app querying real-time AWS spot prices, stored in **MySQL/PostgreSQL**, with a searchable frontend.
- **Encrypted Chat:** Java-based chat application utilizing RSA encryption.
- **Social Network:** Developed a C++ client and Java server simulating social network functionalities.
- **Microservices:** Created a GPU/CPU-independent ML-oriented database module.

Education

Ben Gurion University

- B.Sc. in Computer Science

BS, Israel

2020-2023

"Eshel Hanasi" High School - Majored in Biology and Computer Science.

2015

Military Service

Artillery Corps

Deputy Department Commander

2015 – 2018

- Led and trained a team of soldiers through combat artillery training.
- Managed operations as Deputy platoon commander artillery-trained personnel.

Skills & Interests

Programming Languages: JavaScript, Python, Java, C++, C

Technologies: NodeJS, FastAPI, ReactJS, Celery, RabbitMQ, Docker, AWS EC

Languages: Hebrew (Native), English (Fluent)