

Eytan S. Ohana

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Senior Backend Developer with significant experience in designing, developing, testing, deploying, and maintaining scalable and efficient backend systems. Effective communicator adept at driving technical innovation, mentoring teams, and optimizing software performance.

PROFESSIONAL EXPERIENCE

TRAX RETAIL | Tel Aviv, Israel

October 2020 – Present

Senior AI Platform Engineer

June 2025 – Present

- Scaled AI models from research to production, partnering with algorithm teams to operationalize high-performance inference workloads.
- Built and operated production model-serving infrastructure using **NVIDIA Triton Inference Server**, optimizing GPU utilization / scheduling, throughput, and latency.
- Owned end-to-end AI platform orchestration, defining microservice execution flows, event contracts, and service-to-service handoffs.

BACKEND TECH LEAD & SCRUM MASTER

October 2022 – June 2025

- Lead a team in an Agile environment, planning sprints, coordinating priorities with external stakeholders, and driving innovations.
- Spearheaded the design and development of "Simon Says", a reporting system, that enables customer facing teams to create, modify, and manage client reports without dev intervention, reducing our developer team's workload by 40%.
- Led the migration of reporting infrastructure to Apache Spark, allowing client-facing teams to generate reports from vast datasets with improved performance and scalability.
- Conduct regular code reviews and optimize system performance while ensuring adherence to best practices.
- Leading the design and development of "LightningAPI", a service designed to safely manage deferred large client "recalculations," significantly improving reliability and fault tolerance on client databases. The service implements an intelligent queuing system for large computations, ensuring seamless execution while preventing database overload.

BACKEND DEVELOPER

September 2021 – October 2022

- Automated reports using Python & MySQL, providing actionable insights into retail shelf performance.
- Built an automated test reporting infrastructure, improving test coverage from ~30% to over 97%.
- Developed a monitoring system that caught and reported errors, reducing daily error rates to under 3%.
- Migrated over 95% of legacy reports from Python2 to Python3.

PYTHON DEVELOPER

October 2020 – September 2021

- Developed KPIs from real-time product tracking data for clients like Google, Mars, Strauss, Coca-Cola, Pepsi across 10M+ stores globally.

EDUCATION | Reichman University (formerly IDC Herzliya)

Bachelor of Science in Computer Science

- Relevant Coursework: Data Structures, Algorithms, Scientific Computing, Statistics, AI, Advanced Java. Machine Learning (Top 3%), Deep Learning (Top 3%).
- Leadership: Elected as Computer Science Class President.

TECHNICAL SKILLS

Programming Languages | Python, SQL, Java, Shell Scripting.

Frameworks & Tools | FastAPI, Docker, Git (GitHub/BitBucket), Pandas, Apache Spark, Asyncio.

Cloud & Infrastructure | AWS, GCP, MongoDB, BigQuery, K8S, Cron, KNative, Linux, Grafana, Loggly.

Other | Data Engineering, API Development, Agile Methodologies, CI/CD, Jenkins, Performance Optimizations.

AWARDS & RECOGNITION

Trax Excellence Award – Recognized for contributions to internal tooling, modernization, and refactoring.

1st Place, Trax Developer Hackathon (2023) – Developed an innovative monitoring solution to quickly report suspected issues across the entire Trax microservice architecture.