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.
- Conducted regular code reviews and optimized system performance while ensuring adherence to best practices.
- Lead 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%.
- Lead the migration of reporting infrastructure to Apache Spark, allowing client-facing teams to generate reports from vast datasets with improved performance and scalability.
- Lead the design and development of "Zeus", a service designed to safely manage deferred large client "recalculations," significantly improving reliability and fault tolerance.

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, Bash/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.