# Oren Stern - Professional Profile

Monitoring System Developer at Harel Insurance & Finance

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## Professional Summary

AI systems engineer and full-stack developer focused on building production-grade, agentic platforms. Strong expertise in AI, Machine Learning, Large Language Models (LLMs), and enterprise monitoring systems. Certified TensorFlow Developer with extensive hands-on experience in Python, Django, Elastic Stack, DevOps pipelines, cloud platforms, and multi-tenant SaaS architectures. Specialized in AI orchestration using LangGraph, LangChain, CrewAI, MCP servers, structured tool routing, memory layers, and RAG pipelines with vector search (pgvector). I design deterministic, production-ready LLM systems with CI/CD validation gates, Docker isolation, and cost-aware infrastructure strategies.

## Professional Experience

- Monitoring System Developer – Harel Insurance & Finance (Oct 2016 – Present, Israel)
- Senior System Administrator – Gilat Satellite Networks (Dec 2014 – Oct 2016)
- System Engineer – L'Oréal (Jan 2006 – Dec 2014)

## Certifications

- TensorFlow Developer Certificate – United Latino Students Association (Issued Aug 2023, Expires Aug 2026, Credential ID: 80130327)
- Clustered Data ONTAP Administration – NetApp

## Technical Skills

Python, Django, Machine Learning, Artificial Intelligence (AI), Deep Learning, Large Language Models (LLM), LangChain, TensorFlow, Scikit-Learn, NumPy, Pandas, Matplotlib, Elastic Stack (ELK), Kibana, Datadog, Dynatrace, Amazon RDS, GitLab, Jenkins, Linux, SQL, Microsoft SQL Server, Java, JavaScript, HTML5, CSS, PowerShell, SCOM, SolarWinds, Big Data, Code Review, Web Frameworks, Monitoring Systems.

## AI Projects & Architecture Focus

• Partatch – AI-driven app scaffolding platform generating structured Django + Next.js projects in isolated containers. • LevCare – Multi-tenant agentic care assistant with long-term memory, RAG, and vector search. • Alertix – Workflow automation platform with React Flow visual editor and Django orchestration backend. Expertise includes agent architecture design, tool-augmented LLM systems, RAG and embedding pipelines, memory summarization strategies, model selection and tuning, AWS container deployments (ECR, App Runner), and multi-tenant SaaS system design.