

MOHAMAD ALHADDAD

AI & DIGITAL TRANSFORMATION CONSULTANT

Türkiye · Dubai · Damascus · Remote worldwide · [LinkedIn: alhaddad-mohamad-375532117](#)

CONSULTING PROFILE

Technology consultant with 7+ years of experience helping organizations use AI and automation to reduce operating costs, save time and improve service delivery. Works across discovery, business-case definition, solution architecture, stakeholder alignment and implementation oversight. Combines technical depth with experience guiding projects from uncertain requirements through production deployment in enterprise, transport and industrial environments.

7+ years Delivering applied AI solutions	3 Document-intelligence tools in production	90%+ Field-level extraction accuracy in production	3 Selected academic publications
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CONSULTING AND SOLUTION LEADERSHIP

AI strategy & opportunity assessment	Solution architecture & roadmaps	Requirements discovery & scoping
Technical project leadership	Delivery risk & governance	Stakeholder & vendor alignment
Business cases & process automation	Production readiness	Implementation oversight

SELECTED CONSULTING ENGAGEMENTS

Document Intelligence & Process Automation

innoscripta SE · Enterprise AI

Led the delivery of a shared extraction service for invoices, emails and timesheets. Scoped outputs around the fields downstream teams actually needed, established stable API contracts and moved three tools into production at 90%+ field-level accuracy. Since launch, the service has saved more than €60,000 in manual processing costs.

Enterprise Knowledge Graph

innoscripta SE · Data and AI architecture

Designed the extraction approach for fragmented European enterprise data, combining agentic workflows, entity resolution, graph storage and semantic search. Focused the architecture on traceability and controlled failure modes so automated conclusions could be reviewed and corrected.

Safety-Critical Vision Systems

ISSD · Intel, fortiss and Huawei partnerships

Supported solution design and field delivery for tunnel, highway and rail-crossing detection systems. Balanced latency, false-alert rates and edge-hardware constraints, helping move computer-vision systems from model evaluation into live transport environments.

PROFESSIONAL EXPERIENCE

SOLUTION LEADERSHIP ACROSS AI, AUTOMATION AND INDUSTRIAL SYSTEMS

EXPERIENCE

AI Solutions Engineer · Consulting and Delivery Focus

innoscripta SE · Germany · Hybrid | Oct 2021 – Sep 2026

- Led discovery and delivery for enterprise document-intelligence products, translating operational workflows into scoped extraction services and measurable acceptance criteria.
- Delivered invoice, email and timesheet parsers at 90%+ field-level accuracy and integrated them into existing operational workflows.
- Designed agentic data-extraction pipelines for European enterprise information, including entity resolution, knowledge-graph integration and controls for reviewable AI decisions.
- Created stable FastAPI service contracts and AWS-based delivery pipelines so product teams could adopt AI capabilities without depending on model internals.
- Advised delivery teams on model trade-offs, integration constraints, failure modes and production-readiness decisions.
- Contributed to enterprise software delivery within innoscripta's ISO/IEC 27001:2022-certified information security management system, with attention to access control, traceability, data integrity, and secure delivery.

ML Solutions Engineer · Applied AI Delivery

ISSD Bilişim Elektronik A.Ş. · Turkey · Hybrid | Aug 2018 – Sep 2021

- Delivered real-time incident-detection systems for highways and tunnels with Intel and fortiss, aligning model behaviour with operational response needs and roadside hardware limits.
- Contributed to a 3D container-scanning solution for an Istanbul port, evaluating new sensing hardware and improving operational throughput while reducing misreads.
- Supported a Huawei rail-safety engagement in Serbia, defining detection around the time available for operators to act rather than model accuracy in isolation.
- Designed, developed and deployed roadside variable-message-sign systems across multiple Turkish cities, covering the full path from engineering decisions to field commissioning.

TECHNICAL FOUNDATION

Applied AI	LLM agents, RAG, NLP, document AI, object detection, time-series forecasting
Architecture	FastAPI, asynchronous services, microservices, knowledge graphs, vector search
Infrastructure	AWS, Docker, Kubernetes, CI/CD, OpenVINO edge compute
Engineering	Python, C++, Qt, PostgreSQL, JanusGraph, AWS Neptune, Qdrant, Elasticsearch, Redis, MongoDB

EDUCATION

MSc, Sustainable Environment and Energy Systems
Middle East Technical University, Northern Cyprus Campus · 2017

BSc, Mechatronics & Automation Systems Engineering
Eastern Mediterranean University · 2014–2017

LANGUAGES

Arabic · Native
Turkish · Native
English · Fluent
German · Beginner

SELECTED PUBLICATIONS

Incident Detection on Junction Using Image Processing (2021) · Application of the Neural Network Dependability Kit in Real-World Environments (2020) · Aiming for Smart Wind Energy (2019)