Nasr Kasrin (Dr.)

ENGINEERING MANAGER · TECHNICAL LEADER

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Engineering leader with 15+ years of experience across enterprises, startups, and R&D. Proven record of **building and leading high-performing teams**, driving delivery of complex systems, and aligning technical strategy with business goals. Experienced in **hiring, coaching, and mentoring engineers**, while ensuring excellence in large-scale, distributed systems.

Experience

Lead Solution Architect / Acting Engineering Manager
PUMA SE, GLOBAL E-COMMERCE ENGINEERING

06.2024 - 07.2025
Herzogenaurach, Germany

- **Led two engineering teams** (8 engineers, 2 leads), delivering a **20% performance boost** to PUMA.com.
- **Led onboarding, and coaching**; established development plans and supported engineers' career growth.
- **Partnered with product and business stakeholders** to define technical roadmap, balancing scalability with delivery.
- **Resolved a critical production incident** (90% order loss) and introduced post-mortem practice to prevent recurrence.
- Founded *Technical Cats of Ecomm*, a company-wide engineering forum improving cross-team alignment.
- Piloted *AI/LLM tools* in team workflows, reducing delivery cycle time and improving developer efficiency.

Founder-in-Exploration / Data Architecture Scientist
FREELANCE

2021 - 2024
Bamberg, Germany

- **Invented The Basin Network** – an architectural pattern for interoperable ML/data systems, influencing venture exploration; built MuzeAI, an open-source LLM music recommendation prototype integrating user feedback.
- **Co-founded early-stage B2B healthtech startup**, taking ownership of team setup, product roadmap, and technical strategy.

Research Associate / Engineering Team Lead
UNIVERSITY OF BAMBERG

2015 - 2020
Bamberg, Germany

- **Directed a €3.5M EU aerospace consortium project**, overseeing roadmap, budgeting, and milestone delivery across European partners.
- **Managed a cross-functional engineering team** (4 engineers + researchers), driving hiring, onboarding, coaching, and career development.
- **Architected & delivered a SaaS data management system** (REST APIs, MongoDB, SQL, NodeJS, Java, Python), improving efficiency by **30%**.
- **Defined system architecture and technical standards**, ensuring scalability, security, and operational reliability for manufacturing use cases.

Engineering Team Lead (AI & Mobile)
TayaIT

2011 - 2014
Cairo, Egypt

- **Led and grew a small engineering team (3 engineers)**, overseeing hiring, onboarding, coaching, and mentoring while developing AI players that raised game ratings from 3.0 to 4.5/5 and optimized workflows to cut feedback-to-delivery cycle time by **25%**.
- **Directed mobile app (iOS) development**, driving 10x early-stage user engagement and shaping the product roadmap.
- **Advised CEO on technical and operational decisions**, aligning team execution with business priorities and saving 10 man-months.

Skills

Leadership & Management	People leadership, hiring, coaching, mentoring, stakeholder engagement, delivery ownership.
Technical Strategy	Solution & integration architecture, scalable data systems, interoperability, AI/ML data integration.
Engineering Practices	Agile methods, CI/CD, incident management, post-mortems, system reliability, code quality.
Tech Stack	Python, Node.js, REST APIs, SQL/NoSQL, GCP, microservices, data engineering.

Education

PhD. (Dr. rer. nat.): Data Strategy & Data Architecture
OTTO-FRIEDRICH-UNIVERSITÄT BAMBERG, FACULTY OF INFORMATION SYSTEMS & APPLIED COMPUTER SCIENCE

Bamberg, Germany

MSc. (Masters of Science): Artificial Intelligence & Robotics
THE GERMAN UNIVERSITY IN CAIRO, FACULTY OF COMPUTER SCIENCE & ENGINEERING

Cairo, Egypt

BSc. (Bachelors of Science)
THE GERMAN UNIVERSITY IN CAIRO, FACULTY OF COMPUTER SCIENCE & ENGINEERING

Cairo, Egypt

Languages **English**: Fluent | **German**: Good (B1/B2)