Nasr Kasrin (Dr.)

TECHNISCHER LEITER · ARCHITEKT

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Technischer Leiter (unternehmensweit, team, und produkt) mit ein hintergrund als Architekt (solution-, integration-, und data architektur). Ich bringe 15 Jahre Erfarung in globaler Unternehmen, Startups, und Forschungs- und Entwicklungsprojekte (Research & Development).

Meine Stärke liegt darin, Dinge ganzheitlich zu betrachten und Geschäftsstrategien in Produktarchitekturen, organisatorische Fähigkeiten und langfristigen Geschäftswert umzusetzen.

Experience

Lead Solution Architect
06.2024 - 07.2025

PUMA SE, GLOBAL E-COMMERCE ENGINEERING — *Herzogenaurach, Germany*
- Led two teams (4+4 engineers, 2 leads), driving a **20% performance boost** for PUMA.com. *[NodeJS]*
- Founded the **Technical Cats of Ecomm**, a platform for company-wide **technical communication and alignment**.
- Researched **AI/LLM-powered tools** for optimizing software engineering efficiency.
- Resolved a critical issue causing **90% order loss** during product launches.

Data Architecture Scientist | Doctoral Candidate | Founder-in-Exploration
2021 - 2024

FREELANCE — *Bamberg, Germany*
- Built **MuzeAI**: an open-source LLM music recommendation prototype, with positive feedback from pilot users. *[Python]*
- Invented **The Basin Network**: a data architecture for interoperability and integration of ML data across teams and enterprises.
- Was co-founding a B2B startup (medical sector) for AI/LLM-driven solutions (left when joining PUMA).

Research Associate (Team Lead | Dev Lead | Architect | Data Solutions Engineer)
2015 - 2020

UNIVERSITY OF BAMBERG (EU-FUNDED MANUFACTURING PROJECT) — *Bamberg, Germany*
- Led a 4-year project to develop **SIMUTOOL Data Management SaaS**, which optimized operational efficiency by 30% for a €3.5M EU aerospace manufacturing consortium. *[NodeJS / REST / Java / MongoDB / SQL]*
- Engineered a read-heavy SaaS, ensuring seamless operations and future-proof scalable architecture.

R&D Engineer (AI) | Team Lead | Software Architect
2011 - 2014

TAYAIT — *Cairo, Egypt*
- Led a team to build AI players for a game (**Tawla**), driving rankings from 3 to 4.5/5.
- Directed a team in building an iOS mobile app (**Greetings Studio**) increasing user engagement by 10x.
- Reduced feedback-development cycle times by 25% by coordinating cross-functional collaboration.

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

Englisch: Fließend | **Deutsch**: B1