

# Gurinder Arora

Munich

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Date of Birth: 31.08.1995

Nationality: India

Work Permit: Unrestricted (Niederlassungserlaubnis)



## Profile

Data & AI solutions Lead who implements production systems. I design and deliver complete business solutions—from infrastructure to user adoption—bridging business stakeholders and technical teams. Currently manage 3-person team at BayWa AG while serving as internal Data & AI consultant. Work fluently in German and English, skilled at translating technical concepts into business value.

## Professional Experience

**Data Analyst Manager** | 07.2024 – Present

**BayWa AG** | Munich

### **Internal Consulting & Team Leadership**

- Manage 3-person analytics team (Data Scientist, Growth Analyst, Working Student) while serving as internal consultant to 10-15 business stakeholders across departments
- Translate business challenges into technical solutions, advise on analytics and AI strategy, own end-to-end delivery from requirements to production deployment

### **AI Infrastructure & Automation**

- Built automated system consolidating 10+ Excel sources into queryable database with LangChain AI agent in Python, eliminating 2 hours/week manual work
- Implemented AI-assisted development, cutting dev time by 30%

### **Multi-Agent AI System – Sales Intelligence Platform**

- Evolved initial ML pipeline into production multi-agent AI system with 5 specialized agents (data quality, customer insights, feedback analysis, strategic timing, model performance) orchestrated via Apache Airflow, integrating RAG knowledge base
- Deployed system processing daily predictions, improved targeting accuracy from 15% to 25%, now serving as departmental template

### **Platform Transformation & Migration**

- Migration of 10+ core reports from Qlik Sense to SAC, redesigning data architecture in SAP Datasphere with zero business disruption
- SAP-to-Fab4Minds ERP migration, designed parallel reporting architecture maintaining data flow across 10+ production pipelines

**Data Analyst** | 09.2022 – 06.2024

**BayWa AG** | Munich

### **AI/ML Solution Implementation – Sales Optimization**

- Designed end-to-end AI solution: developed Python predictive model with data scientist, automated data flow from Qlik Sense into BI dashboards, built calling lists for sales team, created feedback mechanism to track accuracy

- Solution runs daily in production, increased order volume by 15%, supports sales, inventory planning and marketing operations

### **Process Automation & Data Pipeline Development**

- Built automated ETL pipeline from SAP to Qlik Sense, eliminating manual Excel processes that took 2-4 weeks, reducing data refresh time to 10 minutes

### **BI Platform Implementation & Advisory**

- Launched Qlik Sense as primary BI platform, migrating legacy Excel reporting to centralized dashboards serving 50+ business users
- Designed and maintained production dashboards, acting as technical advisor translating business needs into functional requirements

### **Cloud Migration & Hybrid Infrastructure**

- Migrated on-premise analytics to AWS with hybrid deployment strategy balancing accessibility, cost, and security and managed mixed environments (local, on-prem, AWS-S3, EC2, Redshift)
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**Data Analyst Working Student** | 05.2022 – 08.2022

**Hoffmann Group** | Munich

### **Analytics & Process Improvement**

- Delivered Excel, SQL, and Power BI analyses, improving team workflow efficiency by 25% through standardized data preparation processes
- Documented analytical procedures and results, enabling knowledge transfer and onboarding for new team members

### **Reporting & Quality Assurance**

- Supported ad-hoc reporting requests and implemented feedback loops to improve reporting accuracy and stakeholder satisfaction
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## **Education**

**Masterschool** | Remote in Germany

Data Analyst Training Course | 01.2022 – 08.2022

**Google** | Remote in Germany

Data Analytics Certification | Acquired: 09.2021

**TUM** | Munich

BSc. Elektrotechnik und Informationstechnik | 10.2020 – 09.2022

*Transitioned to data analytics to pursue technical implementation in business contexts*

**Delhi University** | Delhi, India

B.A. (Hons.) English | 07.2015 – 05.2018

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## **Skills & Knowledge**

**Consulting & Solution Delivery:** Internal Consulting, Business-IT Translation, Stakeholder Management, End-to-End Solution Design, Requirements Analysis, Workshop Facilitation, Cross-Functional Collaboration, Change Management, Agile & Iterative Working

**Business Intelligence & Analytics:** Qlik Sense, SAC, Power BI, Tableau, Dashboard Design, KPI Development, Self-Service BI

**AI & Automation:** Predictive Modeling, Gen AI Integration, Local LLMs (Ollama, LM Studio), AI Agents & Orchestration (n8n, LangChain), MLOps Practices, RAG, AI-Assisted Development

**Data Engineering & Platforms:** ETL Design, Data Modeling, SQL, Python, Apache Spark, Data Pipeline Development, Data Quality Management, SAP ERP, Fab4Minds, Snowflake, Excel, VS Code, Git

**Cloud & Infrastructure:** AWS, Azure, Hybrid Deployments, Docker, Kubernetes, IAC, System Architecture Design, Cloud Migration

**Governance & Leadership:** Data Governance, IAM Policy Management, Data Access Controls, Team Leadership, Strategic Roadmap Development, Product Ownership

**Languages:** **German:** C2 (Business Fluent); **English:** C2 (Business Fluent); **Hindi:** Native Speaker

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