

Nikunj Verma

Systems Integration & Applied AI Consultant

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PROFILE

Independent consultant focused on reliable systems integration, data foundations and applied enterprise AI. Experienced in connecting ERP, CRM, finance and operational systems through APIs, webhooks, ETL pipelines, database staging layers, validation logic and reporting workflows.

CORE CAPABILITIES

- API and webhook integrations with retries, validation and traceability
- ERP, CRM and finance-system connectors across cloud and on-premise landscapes
- PostgreSQL staging layers, SQL triggers, ETL flows and bidirectional synchronization
- Power BI reporting layers and single-source-of-truth foundations
- Applied AI workflows: document intelligence, copilots, agents and workflow automation
- Architecture discovery, proof-of-concept delivery, documentation and handover

SELECTED PROFESSIONAL EXPERIENCE

Senior IT Business Consultant / Senior API Specialist

Blackdot AG, Basel | Nov 2023 – May 2026

- Designed and delivered reusable integration connectors for complex client landscapes.
- Combined APIs, Azure Functions, Python services, SQL triggers and database staging into maintainable automation platforms.
- Implemented event-driven and scheduled synchronization for financial and master data.
- Built reporting pipelines that exposed consolidated operational data through Power BI.

Earlier technical work

Switzerland, Germany and Poland

Technical experience spanning quantum-computing interfaces, machine learning, data science and research environments. Additional international academic and research experience in the United States, Switzerland, the United Kingdom and South Korea.

EDUCATION

Massachusetts Institute of Technology (MIT)

MSc, Computational Science and Engineering

Sep 2017 – May 2019

Indian Institute of Technology Delhi (IIT Delhi)

B.Tech, Engineering Physics

2013 – 2017

TECHNOLOGY LANDSCAPE

Integration

REST APIs, webhooks, event-driven workflows, Postman

Backend

Python, SQL, Node.js, PostgreSQL

Cloud

Azure Functions, cloud applications, databases, CI/CD

Reporting

Power BI, data modelling, analytics pipelines

Business systems

ERP, CRM, accounting, expense and travel platforms

Delivery

Jira, Confluence, architecture documentation, stakeholder alignment

ENGAGEMENTS

- Architecture sprint
- Proof of concept
- Production delivery partnership
- Senior freelance or subcontracting capacity
- Corporate AI workshop

LANGUAGES

English fluent

Hindi fluent

German learning

WORK AUTHORIZATION

Swiss B permit