



Martin Modl

Solution Architect | Integration Architect

Prague, Czech Republic | +420 776 794 209 | martinmodl@martinmodl.cz
Czech: Native | English: Advanced | Interested in long-term cooperation

PROFESSIONAL SUMMARY

1. Solution and Integration Architect with a career spanning software engineering, IT analysis and architecture.
2. Designs practical, implementable solutions by **understanding business context**, analysing existing systems and dependencies, evaluating alternatives and translating decisions into clear application, integration and solution designs.
3. Strong **analytical and engineering background** supports credible trade-off discussions with business stakeholders, developers, infrastructure teams, security specialists and vendors.
4. Recent experience includes **regulated banking, energy, pharmaceuticals, retail and distributed platforms**.

PROJECT EXPERIENCE, LONG-TERM OWNERSHIP

Recent fixed-term assignments were a deliberate way to take on demanding architecture and transformation projects and gain exposure to different enterprise environments. I am now looking for long-term cooperation where I can deepen domain knowledge and take ownership across a longer lifecycle.

ARCHITECTURE EXPERTISE

Solution Architecture

Business context, requirements, options, decisions, HLD/LLD

Integration Architecture

REST/SOAP, APIs, middleware, Kafka, events, data flows

Enterprise Context

AS-IS/TO-BE, dependencies, capability and application views

Security by Design

IAM/SSO, encryption, data protection, resilience, NFRs

Cloud & Platforms

Azure, AWS exposure, hybrid/on-prem, OpenShift, Kubernetes, SAP S/4HANA

Modelling & Delivery

ArchiMate, UML, BPMN, Sparx EA, Jira, Confluence, Camunda

SELECTED ARCHITECTURE EXPERIENCE

Solution Architect / Security & Integration Analyst | Privateum GLOBAL | 03/2026 – present, *ongoing assignment*

- Provide solution-design oversight across distributed systems and integrations, translating business, regulatory and risk requirements into implementable architecture decisions.
- Drive SSO/IAM, data-protection and security integrations across internal platforms and SaaS ecosystems; advise engineering teams on dependencies, resilience and RTO/RPO.
- AI integration for security automation.

PQC IT Analyst – Integrations | Raiffeisenbank Czech Republic | 10/2025 – 03/2026, *fixed-term project*

- Analysed application and infrastructure landscapes in a regulated banking environment, including data in transit/at rest, certificates, key management, secrets and logging.
- Worked with system owners on architectural and cryptographic impacts across enterprise systems using OpenShift, Kubernetes, Kafka and Oracle context.
- Used AI to cross-check source information and analytical outputs for completeness and consistency.

IT Analyst – Integrations / Solution Design | ČEPS, a.s. | 04/2025 – 09/2025, *fixed-term project*

- Assessed AS-IS application readiness and defined TO-BE solution concepts aligned with business needs and enterprise architecture.
- Evaluated solution options, dependencies, constraints, feasibility, cost, delivery time and value with business, application owners, architects and vendors.
- Maintained architecture models using TOGAF concepts, ArchiMate, Sparx Enterprise Architect and Archi.
- SAP S/4HANA.

Solution Architect – Integration Lead | Sandoz | 04/2024 – 08/2024, *project engagement*

- Led integration design for Cornerstone LMS (Learning Management System), mapping business requirements and data flows into implementable integration architecture.
- Coordinated middleware providers including Dell Boomi and Axway API and produced detailed solution documentation and diagrams.

ADDITIONAL ARCHITECTURE EXPERIENCE

Solution Architect – Pre-sales | xITee k.s. | 09/2024 – 03/2025, *project-oriented engagement*

- Translated business and tender requirements into functional solution proposals, architecture documentation and UML/ArchiMate models.
- Supported solution option assessment and decision-making in pre-sales engagements.
- AI integration project for local LLM usage in the company.
- AI usage for source gathering, solution proposals validations.

Customer Technology Solution Architect Manager | Albert Czech Republic | 06/2023 – 03/2024

- Led AS-IS/TO-BE analysis and designed hybrid cloud/on-premise solutions using TOGAF principles and Microsoft Azure.
- Created architecture models and technical diagrams to align business and technical stakeholders.
- SAP S/4HANA.

IT Solutions Architect / Business Analyst | FORTUNA GAME a.s. | 04/2022 – 05/2023

- Analysed business processes, applications and data flows and proposed scalable solution architectures.
- Supported AWS-to-Azure migration, GDPR-compliant architecture and Agile delivery in Scrum/SAFe.

IT Analyst / Solution Architect | GPS Tracking Company | 11/2021 – 03/2022, *contract / project*

- Analysed business processes and AS-IS data flows; defined TO-BE architecture and MVP for invoicing and financial-flow management.

IT Analyst / Solution Architect / Project Manager | Tesco Stores CR | 01/2020 – 10/2021, *contract / project*

- Analysed systems, processes and architectures and translated regulatory and business needs into implementable solutions.
- Coordinated multinational delivery teams and produced technical documentation for international stakeholders.

EARLIER ARCHITECTURE & ENGINEERING EXPERIENCE

- MallGroup: IT Analyst & Product Manager (2018):
process/workflow analysis, product catalogue and marketplace initiatives, GDPR and Scrum.
- MAFRA: IT Analyst / Project Management (2018):
business-to-IT translation, solution design, technical specifications, payment/billing and GDPR.
- Self-employed & projects (2012–2017):
solution architecture, business analysis, software development, integrations, infrastructure and delivery.
- ASKO, Prague Post & projects (2007–2011):
software analysis, solution design, web/intranet development and technical leadership.

TECHNICAL & ARCHITECTURE TOOLKIT

Architecture: solution, application, integration and enterprise architecture; architecture decisions; HLD/LLD

Integration: REST APIs, SOAP, XML/JSON, integration patterns, Kafka, event-driven architecture, microservices

Security: security-by-design, IAM/SSO, data protection, encryption, certificates/key management, resilience

Cloud & platforms: Microsoft Azure, AWS exposure, hybrid/on-premise systems, OpenShift, Kubernetes

Modelling & tools: ArchiMate, UML, BPMN, Sparx Enterprise Architect, Archi, Jira, Confluence, PlantUML, [Draw.io](#)

Engineering background: PHP/Laravel, Python, Go, JavaScript, SQL; practical understanding of APIs, databases and software delivery

CERTIFICATIONS & EDUCATION

Certifications: ArchiMate 3 Foundation, ITIL 4 Foundation, ISO 19011 Management Systems Auditing, ISO/IEC 27001 Internal Auditor, Security of PHP Applications

Education: Secondary Technical School of Electrical Engineering, High Current Engineering (1993–1997), Continuous professional learning