# ADILZHAN KOZHAMURAT

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## PROFILE

Senior **Systems Engineer** and **IT Program Manager** with **PMP, PgMP certifications** and over **11 years of experience**in IT and Oil & Gas industries. Proven expertise in **technical leadership, systems administration, and digital transformation**. Adept at designing and implementing **secure IT infrastructures**, managing **technical applications for Oil & Gas**, and aligning IT strategies with business goals. Skilled in **cybersecurity frameworks**, **digital innovation**, and cross-functional team leadership. Extensive experience in managing compliance, governance, and project lifecycles while delivering measurable ROI improvements.

## SKILLS

**Languages:** English (fluent), Kazakh (native), Russian (fluent), Turkish (basic), Hungarian (basic).
**Data Management and Analytics:** Snowflake, MongoDB, MongoDB Atlas, Cassandra, Datastax, AWS DynamoDB, Neo4J, StarDog, AWS Redshift, GCP BigQuery, Teradata, Netezza, Exadata, Apache Spark, Tableau, Qlik, Looker, Azure Fabric, Azure Data Explorer, Azure Databricks, Azure ML.
**Cloud and Infrastructure Platforms:** Azure Cloud, AWS (including AWS SageMaker and AWS S3), GCP.
**Programming and Development:** C#, .NET, PowerApps, Java, Python, RGP, SQL, NoSQL.
**Artificial Intelligence and GenAI:** Azure OpenAI, AWS Anthropic, Google Gemini.
**Enterprise and Industry-Specific Software:** Aveva Software Portfolio, Quorum Energy Components, SAP Blueprint, Cenosco IMS, Cenosco SifPro, S4/HANA.
**Productivity and Collaboration Tools:** PowerBI, Notion, Roadmunk, Atlassian Jira, Atlassian Confluence.

## CERTIFICATIONS

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| **ITIL Certified** | 2022–Present |
| **TOGAF Practitioner** | 2018–Present |
| **Zachman Practitioner** | 2019–Present |
| **Certified AWS ML Engineer Associate**, AWS | 2024–Present |
| **Certified Business Relationship Management Professional** : 09823960-01-GV7J | 2022–Present |
| **Certified Project Management Professional (PMP)**: 3378419 | 2022–2025 |
| **Certified SAFe Scrum Master**, Scaled Agile Inc.: 51681740-7810 | 2023 |
| **AutoCAD 2D Base**, Informbureau LLP | 2019 |

## EXPERIENCE

**EPAM Systems | New York, USA**                                                   **May 2022 – Present**
*A global provider of digital platform engineering and software development services.*

### IT Program Manager

- Prioritised feature development, resource allocation and revenue-generating initiatives to increase ROI by 50%.
- Successfully utilised agile expertise to remove features which were not value-adding to the organisation, resulting in an increase in early MVP launches and a reduction of unsatisfactory feature development by 60%.
- Successfully implemented a customer satisfaction survey to drive product improvements, resulting in a 10%
  increase in customer satisfaction scores.
- Lead data initiative to process raw data into cleaned datasets for further Reports generation and Machine Learning. By completing this initiative, that organization optimized its transparency by 50%.
- Created from scratch ETL process and Data Warehouse development, worked in various project of implementation of Data Lake and Amazon S3.

**North Caspian Operating Company N.V. | Atyrau, Kazakhstan**                      **2018 – 2023**
*An international consortium of seven oil & gas companies in the Caspian Sea region.*

### IT Business Relationship Manager                                             **May 2021 – Feb 2023**

- Established security measures to safeguard the organisation's sensitive data, reducing the risk of cyberattacks and data breaches by 25%.

- Managed a complex IT project from inception to completion, ensuring adherence to timelines, budgets and business requirements, resulting in a 35% increase in operational efficiency.
- Negotiated vendor contracts and implemented cost-saving measures such as optimising software licensing agreements and hardware procurement, resulting in a 10% reduction in IT operational costs.
- Conducted data analysis, entity-relationship modelling and documentation of system functions and processes.
- Possess high-level skills in using Microsoft Office productivity tools and additional software such as Project and Visio.
- Skilled in constructing and implementing integrated systems using standard technological frameworks.

**Lead IT Project Manager**                                                        **Oct 2018 – May 2021**
- Spearheaded the development of a new IT system that streamlined the work processes, resulting in a $1M+ annual improvement in operational efficiency and productivity.
- Developed a network of 30+ stakeholders throughout project lifecycles and applied risk assessment strategies for IT projects, resulting in a 76% reduction in project-related risks to integrate IT.
- Successfully renegotiated contracts for NCOC's critical applications within budget constraints, leading to a 30% reduction in contract renewal costs while maintaining uninterrupted service. Carried out Technical Evaluation of Bids, Issue Bid Technical Clarifications, Technical Evaluation Reports and Recommendations.
- Led implementation of SAP Success Factor solution into organization and leaded overall change management to organization. Enrolled solution with success on record breaking 4 months.

**Iptor Supply Chain Systems| Sweden**                                            **Jan 2017 – Sep 2018**
*Formerly International Business Systems (IBS), is a supply chain management company that provides professional services and enterprise resource management software for distributors and wholesalers.*
### Senior IT Project Manager
- Headed large-scale projects with budgets ranging from $1 Million to $5 Million and 40 employees.
- Administered all phases of the project lifecycle, such as initiation, planning, execution, supervision, and finalization, while identifying and eliminating risk in proactive manner.
- Championed change control process, formulated impact of recommended changes to initial timeline, resources, and overall project expenditure, and communicated projections to key stakeholders.
- Created cost / benefit analysis reports for recommending optimal route of project execution.
- Liaised between project sponsors, stakeholders, developers, and analysts; Established strong professional relations with external IT vendors via internally integrated applications (AWS, Kyndryl, NetLang, Meridian IT).

**Chevron | Atyrau, Kazakhstan**                                                  **Jan 2016 – Dec 2016**
*The largest oil producer in Kazakhstan, developing and producing oil from the Tengiz Field.*
### Lead IT Business Analyst                                                       **Jun 2016 – Dec 2016**
- Coordinated Discovery process of high-profile programs to define requirements for POC on next phase of delivery. Resulted in predictive decision-making & hight satisfaction rate on acceptance of MVP.
- Conducted Business Process Analysis and GAP Analysis with key business stakeholders. Resulted in documenting 200+ features that were taken into Product Backlog.
- Created Executive Summary dashboard through PowerBI and data extractions from EC Sales & Revenue to load how much oil produced vs how much earned. Resulted in contributing on company objective to digitize and automate several production related processes.
- Supported critical business applications as Service Owner (FSR, IMS, PI Vision, Aveva, EC). Ensured continuous undisruptive support that reached SLA 98.5%.
- Participated in projects related to Data Center migrations from Munich to Local Site.

**IT Change Manager | Agile Coach**                                        **Jan 2016 – May 2016**
- Designed a comprehensive change management plan for a major IT project that resulted in its successful implementation, leading to an 89% increase in user adoption rates.
- Conducted a comprehensive impact analysis of a proposed organisational change to identify and mitigate potential risks, reducing project-related risks by 80%. This resulted in overall project stability.
- Formulated tailored communication plans to address stakeholder concerns, contributing to the seamless implementation of a new IT system. This resulted in a stakeholder satisfaction rate of 95.7%.
- Oversaw effective strategies to address resistance to change associated with organisational transformation, leading to a reduction of 95% in resistance levels.
- Led Scrum Master duties, running Scrum ceremonies: Daily Standup, Sprint Planning, Sprint Grooming, Sprint Review, System Demo etc.

**Tamga Inspections | Astana, Kazakhstan**                                        **Jun 2015 – Dec 2015**
*An e-commerce platform for procurement of engineering inspection equipment for B2B in the construction industry.*
**Director**
- Successfully launched a B2B e-commerce site for engineering inspection equipment, with over 30 inspection equipment selections, resulting in a 150% month-over-month increase in revenue growth.
- Secured regional distribution partnerships with manufacturing companies such as General Electric and Fujifilm. Resulted in the provision of inspection equipment and services to clients such as Bureau Veritas.
- Successfully secured multiple competitive tender bids from operational firms, clinching contracts worth a total of $500,000+ for the provision of inspection equipment and services.
- Expanded the sales department by integrating a team of 10+ professionals, yielding a 250% increase in sales and meeting the surging demand for inspection services.

**KazPromDiagnostics NDT LLP | Astana, Kazakhstan**                                        **Apr 2015 – Jun 2015**
*The biggest regional dealer of General Electric inspection equipment product lines and Bentley Nevada products to the construction and oil & gas industries.*
**Sales Development Engineer (General Electric Engineering)**
- Managed construction and oil & gas accounts on provisioning inspection equipment, reducing procurement time by creating 1–2-year roadmaps that resulted in timely procurement.
- Oversaw the contract tender process across various bidding platforms, achieving an impressive 85% success rate in winning bids within the inspection scope.

## EDUCATION

**University of Miskolc |Hungary**                                        **2012-2014**
BSc in Earth Science Engineering (Specialisation: Petroleum Engineering – Production Optimisation)
**University of Debrecen |Hungary (TOP 50 University rank in Europe)**                                        **2010-2012**
BSc in Computer Engineering (Specialisation: Petroleum Engineering – Production Optimisation)

## ADDITIONAL HIGHLIGHTS
- Directed technical application infrastructure setups for Oil & Gas, including Petrel, PIPESIM, Techlog, and HYSYS.
- Implemented cybersecurity frameworks in IT/OT environments to safeguard sensitive data.
- Delivered AI-driven innovations using Azure OpenAI, AWS Anthropic, and Google Gemini tools.
- Managed crisis response teams to ensure system stability and HSE compliance.
- Designed and supported enterprise architecture systems to align with compliance and security standards.

## TECHNICAL APPLICATIONS EXPERIENCE

**Oil & Gas Software**: Petrel, INTERSECT, GEOX Discovery, Avocet, Techlog, PIPESIM, Merak, OLGA, HYSYS, Prosper, Pipesim, NavisWork, Primavera.

**Enterprise Platforms**: SAP Blueprint, SAP SuccessFactors, S4/HANA.
**Infrastructure Management**: Azure Cloud, AWS, GCP, ServiceNow, Tableau.