



**DAULET**

**---TOGAF® Certified ---**

- Solution Architect —
- Data Engineer/DBA —
- Software Architect —
- System Architect —
- Networks Engineer —

## SKILLS

- Strong Analytical
- TOGAF EA/IT PM/ITIL/ITSM/Agile
- Software Architecture
- ERP Architect
- Cloud Architecture
- DBA/ETL/Data Engineering
- DevOps
- IoT/SCADA/Power Systems
- Networks
- Linux OS/Bash
- Hardware/Maintenance of Datacenters
- SME (Technologies, Industrial, Corporate, Financial)

## HOBBIES

- Books
- History and Philosophy
- Sociology
- Sports
- Guitar

## Profile

Experienced and dedicated IT Architect with over 20 years of experience and TOGAF® 10th certified. Can identify quality, performance, and problem areas in data flows and complex systems, and communicate project needs. Practical experience in working and maintaining all levels of architectures with various types of systems from corporate to industrial. Ability to synthesize quantitative information and communicate effectively with stakeholders. Proven experience in implementing complex IT solutions. Can improve productivity and optimize costs of industrial systems and enterprise systems through technical depth and technical diversity. Application of high industry standards in architectural work.

[tw.linkedin.com/in/daulet-mazabekov-69b687203](https://www.linkedin.com/in/daulet-mazabekov-69b687203)

## Employment History

### **Solution Architect NCOC N.V.**

**Governance, Strategy and Assurance Management Unit**

**Oil and Gaz, Kazakhstan, Atyrau**

**2023-current time**

<https://www.ncoc.kz/en>

Generic and industrial-specific IT Solution Architect with covering all BDAT domains (Business, Data, Applications and Technology).

Project/Demands IT Solutions, Architecture artifacts/documents development, Technical design and technical assessment. Architecture building blocks development. Deep technical expertise.

### **CTO "M2M-Lab" LLP**

**IoT development company, Kazakhstan, Astana**

**2022**

<http://iot.kz>

Project management: and technical expertise,

Development of the IoT system "Digital Enterprise"

### **IT Manager/Systems Architect/DBA "KAMKOR MANAGEMENT" LLP Astana**

**Management company/Service company in the railways industry**

**2019-2022**

<http://kamkor.org/>

Data management and business process automation/ERP. Implementation of a hybrid cloud solution for ERP systems. Reengineering of the ecosystem architecture and adjustment of methodologies within 1 year, which made it possible to increase the performance of the ERP system by 3 times. Development and technical support of digitalization strategy projects. Development of solutions for process control systems. DBA

### **IT manager, System Architect "Fuel and Energy Complex-Qazaqstan" LLP /"KAMKOR MANAGEMENT" Group**

**Fuel warehouse services**

<https://tek-kaz.kz>

**2018-2019**

Implementation of BI system solutions and reengineering of business processes, which made it possible to optimize the staff of IT personnel and accounting by 50%. Data management and infrastructure administration.

## **Telecom Engineer / System Architect "Aventis Group" LLP, Astana**

**System integrator in the field of energy and housing and communal services**

**2014 - 2018**

<https://aventis.kz>

Implementation of obtaining a state licenses for construction and commissioning activities by supporting technical documentation and organizing requirements for the production base.

Data management by telemetry accounting systems. Implementation of ASCAPC (Automatic system for commercial accounting of power consumption) / SCADA / Telemetry systems and energy communication systems in the energy sector of the Republic of Kazakhstan. Technical expertise and assessment. Development of a feasibility study and technical and economic comparisons. Implementation of projects on radio communication and microwave communication in North Qazaqstan region and Pavlodar region of the Republic of Kazakhstan. Implementation of the radio relay communication project of 13 spans with a length of more than 300 km for the energy sector. Participation in more than 30 projects as a technical expert, system architect and commissioning engineer for automation in the housing and communal services sector.

## **Head of calibration laboratory "SATR" LLP, Almaty**

**Medical services and equipment**

**2012 - 2013**

<https://satr.kz>

Obtaining accreditation of a calibration laboratory by developing methods for calibrating medical equipment and technical documentation for them, as well as organizing the requirements and technical conditions for the calibration laboratory. Verification and calibration of medical and audiometric equipment. Technical expertise. Participation in the diagnosis of patients together with medical staff as a medical engineer. Participation in international seminars on technologies for calibration and maintenance of medical equipment.

## **Head of Networks Control Center "Sky Silk" JSC**

**Telecom company**

**2011 - 2012**

<https://skytelecom.kz>

Optimization of the system architecture and reorganization of IT support towards ITIL in 6 months, which increased the productivity of the system by 2 times. Deployment of new services (IPTV, Call Center, VoIP, NMS). Development of a project on control and monitoring of communication systems.

## **Service group Lead Engineer "KazTransCom"/Jusan Telecom JSC**

**Telecom company**

<https://kaztranscom.kz>

**2006 - 2011**

Providing 24/7 communication systems and telemechanic of the KazTransOil oil pipeline in the Mangystau region. Management of communication systems for the corporate sector. Management and engineering of the service teams (fiber optic group, radio and satellite communication group, data transmission group, installation group). Administration of Metro Ethernet and SDH networks. Construction of fiber optic cables and data transmission networks in the Bautino-Aktau-Karazhanbas sections. Design and construction of Radio systems in Severnye Buzachy sections. Development of a custom project for control and monitoring of UPS systems on an oil pipeline.

Participation in more than 50 industrial and corporate communication projects as a technical expert, system architect and commissioning engineer.

# Education

- 2003 **KAZAKH NATIONAL UNIVERSITY**, Almaty  
Bachelor of **Applied mathematics, Faculty of Mechanics and Mathematics**  
Department of the theory of control automation and optimization
- 1999 **RSFMS** (Republican Specialized Physics and Mathematics School)

# Certificates

- **certified TOGAF@ 10<sup>th</sup> Enterprise Architecture Foundation**
- **certified Oracle Cloud Infrastructure Architect Associate**
- **certified Linux and Private Cloud Administration on IBM Power Systems**
- **certified SAP Technology Consultant Professional**
- **certified CFI** Education Inc. Corporate Finance Institute, **FMVA®** certification levels:
  - ✓ Accounting Fundamentals
  - ✓ Reading Financial Statements
  - ✓ Fixed Income Fundamentals
  - ✓ Corporate Finance Fundamentals
  - ✓ Math for Finance Professionals
- **certified AWS Technology Foundation**
- **certified AIS energy metering Emcos Corporate 2.1** Education Center JSC «Sigma Telas», Vilnius, Lithuania
- **certified SCADA TRACE MODE 6 engineer, Advanced course TRACE MODE 6**, Education Center "AdAstra Research Group"/AdAstra, Moscow
- **Software Engineering specialization**, The Hong Kong University of Science and Technology
  - ✓ Modeling Software Systems using UML
  - ✓ Implementation and Testing
  - ✓ Software Design and Project Management
- **Software Architecture and design specialization**, University of Alberta
  - ✓ Object-Oriented Design
  - ✓ Design Patterns
  - ✓ Software Architecture
  - ✓ Service-Oriented Architecture
- **Agile** courses (Udemy 40h):
  - ✓ Agile Project Management
  - ✓ Agile Leadership and Resilient Teams
  - ✓ Master Agile Estimation: Top Techniques for Scrum & Kanba
  - ✓ Plan and Execute the Perfect Sprints in Agile and Scrum
- **Design Patterns** Udemy Courses (40h)
  - ✓ Practical Solution Architecture
  - ✓ Enterprise Architecture: How to Design Models & Diagrams
- **API** Development, Codio
- **Python** and Pandas for Data Engineering, Duke University
- **Relational Database Administration (DBA)** by IBM
- **Extract, Transform, and Load Data** by CertNexus
- **Databases and SQL for Data Science with Python** by IBM Skills Network
- **Become a DevOps Engineer (40h)**, LinkedIn Learning
- **Learn DevOps: Docker, Kubernetes, Terraform and Azure DevOps (40h)**, Udemy
- **Advanced SQL for Query Tuning and Performance Optimization**, LinkedIn Learning
- **Administration and Automation with Windows PowerShell (40h)**
- **HCNP Routing & Switching** (Huawei Certified Network Professional)
- **AIS energy metering "SANAU ENERGY"**, Education Center «Saiman Corporation» LLP
- **Programming metering devices**. Education Center NIK-ELEKTRONIKA, Kiev, Ukraine.
- **Design, construction and administration of radio networks**, Education Center JSC «NPF «MICRAN», Russia
- **«Basic requirements and provisions of verification and calibration Laboratories»**, "EC of training and consulting"
- **Calibration and Technical support medical equipment**, EC "GN OTOMETRICS EC of training and consulting", Copenhagen
- **Calibration**. Overview and practical application of **Bruel and Kaer Audio measure equipment** Education Center «Gormedtechnicka», Russia, Moscow
- **CIT – Cisco Internetwork Troubleshooting**, Education Center "ABS".
- **INCD - "Interconnecting Cisco Network Devices**
- **Information security** and cooperative network safety, Educational Center "Informzashita" Moscow
- **Certificate of programmer analyst qualification**, Republican Specialized Physical and Mathematical school