

Ainur Sidelkovskaya

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PROFESSIONAL SUMMARY

- More than 15 years of experience in IT and Big data: software development, customization, and implementation of Enterprise solutions of the world's largest vendors - Microsoft, KNIME, SAS, SAP, Oracle, Tableau, IBM
- CTO, curator of national IT projects
- Creator of Big data & Data Science BTSD at Eurasian Resources Group
- Creator and implementer of the Smart Data Ukimet - the first and largest project of the implementation of Big Data technologies, the creation of Artificial Intelligence at the government level in the Republic of Kazakhstan
- Working with all second tier banks in Kazakhstan, advising in the field of system development, integration and implementing of analytical solutions in banking processes
- The portfolio of implemented IT projects over the past 5 years is more than 8 billion KZT, including NAC Kazatomprom JSC, National Information Technologies JSC, the Ministry of National Economy of the Republic of Kazakhstan, Bank Center Credit JSC, Halyk Bank JSC and etc.
- Mentor and consultant in the formation of analytical units of departments in organizations: technology stack, Data Lake architecture, team building, training, launching a system for nurturing specialists in order to maintain competence within the enterprise
- Consultant and trainer on "Big data & Data Science" at the Academy of Public Administration, Almaty International Business School

WORK EXPERIENCE

Managing director

Nov 2020 - Present

A2DATA LLC (IT consulting company) • Almaty

- Formation of a team of data scientists and data engineers
- Team leader of analytical work
- Partnership and certification of the KNIME Platform (Leader in Data Science and Machine Learning Platforms) team
- Consulting team for training, implementation, maintenance and development of the Situation Center for Kazatomprom JSC NAC
- Pilot project for a hydrorecirculation power plant on the application of elements of Industry 4.0, optimization of electricity production, breakdown prediction, integration with Siemens equipment
- The project "Automated process control system" with subsequent analytics of the accumulated data - optimization of the production of building mixtures, recipe calibration for an international manufacturer

Data centre development director

Sep 2019 - Nov 2020

Kazakh National Research Technical University named after K.I.Satbayev • Almaty

- Organization of the work of a team of data scientists
- Implementation of Big Data technology in the field of university management
- Building a software package based on Big Data technologies, updated in real time (real-time) using solutions from the world's leading vendors
- Creation of a recommendation system to improve the university ranking using AI in making Data Driven decisions
- Implementation of Data Center production process control

Data Driven Economy Strategy Consultant

May 2019 - Aug 2019

World Bank • Nur-Sultan

- Private contract for consulting services on the architecture of Big Data processing in the Republic of Kazakhstan
- Architecture, data engineering and data analysis within the current organizational structure of public administration
- Identification of areas requiring improvement in order to improve data quality and data flows
- Participation in the design of an ecosystem of international analytics

Artificial intelligence consultant

Mar 2019 - Apr 2020

Academy of Public Administration under the President of the Republic of Kazakhstan • Nur-Sultan

- Conducting consultations in the field of application of information technologies in public administration
- Conducting training events for civil servants on the use of artificial intelligence in the framework of forecasting socio-economic development, monitoring the effectiveness of state programs, preventing fraud attempts, foreseeing and preventing threats to national security, etc.

Data processing and systems analysis manager

Dec 2018 - Jun 2020

Becloud LLC (IT consulting company) • Nur-Sultan

- Formation of the Big data team - data engineers, data scientists, managers in the field of data analysis
- Organization of production and creation of the first in Kazakhstan Data Visualization Tool "A2"
- Implementation of the Smart Data Ukimet project with the National Information Technologies JSC for the Office of the Prime Minister of the Republic of Kazakhstan
- Consultations on Data Science - development of analytical cases for the Ministry of Labor and Social Protection of the Population of the Republic of Kazakhstan, the Ministry of Finance, National Information Technologies JSC

Solutions architect - information technology (IT)

Jun 2018 - May 2019

BTS DIGITAL LLC (Eurasian Resources Group) • Nur-Sultan

- Formation of the Data Science team, Artificial Intelligence team
- Data lake architecture, stack of technologies, formation of a vision for the implementation

- of socially significant analytical cases from the perspective of Big Data
- Creation of an internal incubator for students to develop personnel with subsequent employment in the department

CTO, Project manager, Business and System Analyst, SQL Developer Jun 2007 - Sep 2016

IT consulting companies • Almaty

Career growth:

- From a reporting developer of a Pension Assets Management Automation System, a Brokerage Automation System, then a Business Analyst to a Project Manager (clients - Pension Funds, Brokerage Dealer and Management Companies)
- From Project Manager to Technical Director:
 - manager of more than 200 developers, creator of software production
 - creator and implementer of analytical systems operating in all Banks of the Republic of Kazakhstan
 - partnership with the world's largest software vendors, team certification
 - creation of an internal incubator for programming students
 - projects for the implementation of data warehouses, integration service buses, internet banking, automation of documentary operations, automation of credit activities, implementation of analytical systems (Risk management, Anti-money laundering, Real Time Decision Management, Analytical CRM, Campaign Management, Provisions forecasting)

EDUCATION

Computer Technology and Software Sep 2005 - Jun 2009

Almaty University of Power Engineering and Telecommunications • Almaty

- Bachelor's degree on Computer Technology and Software (honors degree)
- State Grant for education
- Best Student of AUPET (board of honor), graduation of 2009

PROFESSIONAL CREDENTIALS

- A2Data: Certified Big Data Analyst A2Data Platform
- UC Berkeley School of Information: AI Strategy certificate
- Hitachi Vantara: Pentaho Data Integration Fundamentals
- Hitachi Vantara: Pentaho Data Modeling
- Hitachi Vantara: Qualified Professional - Pre-sales Edge-to-core-to-cloud Foundation
- IBM: Certified SOA Solution Designer
- IBM: IBM Certified Designer, Cognos 10 BI Reports
- Micro focus: Vertica Essentials 10.x, Vertica Expert Technical Certification
- SAS: Applied Analytics using SAS Enterprise Miner