

# Oleksandr K.

## Senior Data Scientist, Data Analyst, BI Analyst

### SUMMARY

- Software engineer with over a decade of experience and background in AI and data science.  
 - Skilled in predictive machine learning models, financial market analysis, and microcontroller development. - Proficient in Python, SQL, ETL processes, and data visualization tools like Power BI and Tableau. - Demonstrated expertise in managing technical directions of organizations and a history of academic excellence with a Master's in Agronomy and advanced certifications in Data Analytics and Data Science. - ChatGPT 3 Turbo API and automating analysis tasks, showcasing the ability to leverage modern AI technologies to solve complex problems.

### TECHNICAL SKILLS

<b>Main Technical Skills</b>	SQL, Python, Data Analysis
<b>Programming Languages</b>	Python
<b>AI &amp; Machine Learning</b>	AWS ML (Amazon Machine learning services), AWS SageMaker (Amazon SageMaker), NumPy, PyTorch, Scikit-learn
<b>Python Libraries and Tools</b>	Matplotlib, NumPy, Pandas, Plotly, PyTorch, Scikit-learn, SciPy, Seaborn
<b>Data Analysis and Visualization Technologies</b>	Business Intelligence (BI), Data Analysis, ETL, Pandas, Power BI, Tableau
<b>Databases &amp; Management Systems / ORM</b>	SQL
<b>UI Frameworks, Libraries, and Browsers</b>	HTML
<b>Cloud Platforms, Services &amp; Computing</b>	AWS, GCP
<b>Amazon Web Services</b>	AWS EC2, AWS Lambda, AWS ML (Amazon Machine learning services), AWS S3, AWS SageMaker (Amazon SageMaker)
<b>Google Cloud Platform</b>	GCP Cloudbuild
<b>SDK / API and Integrations</b>	API
<b>Version Control</b>	Git
<b>Other Technical Skills</b>	ChatGPT, Parsers, ROS2, Talend ETL



## WORK EXPERIENCE

### Managing Director, Construction and Installation Management

**Duration:** 2005 - Feb. 2010

**Summary:** Management of installation organization

**Responsibilities:** Management of a construction and installation organization

### Technical Director, Technical Direction

**Duration:** 2010 - Feb. 2021

**Summary:** Management of installation organization in a technical capacity

**Responsibilities:** Management of a construction and installation organization

### Data Scientist, Equipment Failure Analysis

**Duration:** Aug. 2021 - Feb. 2023

**Summary:** Research and analysis of equipment failures and development of machine learning models for failure detection

**Responsibilities:** Development of predictive machine learning models for failure detection

**Technologies:** Machine Learning, Python, SQL, ETL, Data Visualization

### Python Engineer, Financial Market Analysis and Development

**Duration:** Feb. 2020 - Aug. 2021

**Summary:** Freelance projects involving analysis and forecasting of financial markets, and development of server code and data science operations.

**Responsibilities:** Analysis and forecasting of financial markets, server code development and data science devops

**Technologies:** Python, HTML, Data Analysis, Machine Learning

### Python Engineer, Microcontroller Development

**Duration:** Apr. 2020 - Feb. 2022

**Summary:** Development of microcontrollers for engineering systems, programming and service support

**Responsibilities:** Development of microcontrollers for engineering systems, programming and service support

**Technologies:** Microcontroller Programming, Service Support

### AI Engineer, ChatGPT 3 Turbo API Integration

**Duration:** Mar. 2023 - Jul. 2023

**Summary:** Integration of ChatGPT 3 Turbo API for text messages analysis

**Responsibilities:** Integration of ChatGPT 3 Turbo API for text messages analysis

**Technologies:** ChatGPT 3 Turbo API, AI

## EDUCATION

- **MASTER'S DEGREE IN AGRONOMY**

1999 - 2003

- **DATA ANALYTICS, DATA SCIENCE**

Completed through DAN-IT, MAIN ACADEMY, COURSERA, UDEMY

2020 - 2022



## CERTIFICATION

- **Integration of ChatGPT 3 Turbo API for text messages analysis**  
mar. 2023 - jul. 2023

