Alexander CHAYKIN
Architect and product manager

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WORK EXPERIENCE

Architect and Product Manager
Leroy Merlin Vostok Moscow, Russia

2018 - 2024
Retail, **TOP 1** in Russia

- Design, development, integration, and deployment of an authentication and authorization system for B2C and B2B clients.
- Development and integration of customer data management, loyalty, and communication systems.
- Organization of the process for collecting, analyzing, processing, and migrating customer profile and transaction data.
- Collection and analysis of performance indicators in the customer domain (ROPO, LTV).
- Collection and analysis of data on customer behavior online and in-store.
- Management of system and data migration projects.

Senior Enterprise Architect
VimpelCom Moscow, Russia

2008 - 2018
Mobile operator, **TOP 3** in Russia

- Design and integration of over 40 products, including supply chain optimization, customer onboarding automation, M2M insurance risk management, billing, convergence, Internet television (IPTV), and the deployment of virtual mobile network operators (MVNO, MVNE).
- Analysis of spatial data, transformation, and migration of large data volumes (Big Data).
- Design and development of integration and orchestration systems.
- Management of the development process within a Scrum team.
- Creation and deployment of a unified portal for managing the company's architectural documentation.

Deputy Director of the Department
Rostransmodernisation Moscow, Russia

2012 - 2014
Transport

- Project management and oversight of the transport management system architecture.
- Preparation of specifications for functional and non-functional requirements and tender documents.
- Supervision of the data center deployment.

Technical director
GISS Moscow, Russia

2004 - 2008
Urban Environment

- Design, development, and management of a network of public kiosks supporting information, payment, and VOIP services.
- Management of a payment system integration project.
- Management of a team of technicians and system administrators.

Web Developer
FSC Moscow, Russia

2003 - 2004
Finances, Media

- Development and administration of the company website.
- Video editing for weekly broadcasts.

Software Engineer
MFD Moscow, Russia

1999 - 2003
Software Certification

- Conducting software certification tests.
- Development of Application Software (C/C++) for Test Automation.

EDUCATION

Master in Computer Science
National Research Nuclear University (MEPhI)
Thesis: Implementation of GRID Systems Using Globus Toolkit

1999 - 2006

Stanford Online
Online Course on Machine Learning

2016

Arie van Bennekum course
Facilitating Agile Training

2017

PROFILE

Responsible for the complete product lifecycle:
- **Architecture design**.
- **Development** management.
- **Support** and **evolution**.

Objectives, **performance**, and **commercial value** of products

Data collection, **analysis, and migration**.

Data-driven decision-making and **automatisation**.

Team management, including Agile methodologies.

Motivating and **leading teams** and fostering **collaboration**.

Collaboration with partners, **negotiation**, **contracts** conclusion, and follow-up.

SKILLS

- **Microservices** and Monolithic Architecture
- Architectural Frameworks: **TOGAF**
- Event-Driven Architecture (**EDA**)
- **Design Patterns**, Domain-Driven Design (**DDD**)
- Agile Methodology: **Scrum**, **Kanban**
- System Design: **ERD**, **UML**, **Use Cases**
- API Design: **REST**, **SOAP**
- API Management: **ApiGee**, **Kong**
- Various DBs: relational, key-Value, and document-oriented (**PostgreSQL**, **Greenplum**, **MongoDB**, **Redis**, **MySQL**, **Oracle**, **BigQuery**, etc.)
- Message Brokers: **ActiveMQ**, **RabbitMQ**, **Kafka**, etc.
- Authentication: **OAuth 2.0**, **Kerberos**, **LDAP**, **Diameter**
- Programming Languages: **Python**, **JavaScript**, **C/C++**, **R**, **Java**...
- Front-End Technologies: **React**, **Vue**, **Angular**
- Data Analysis and Processing: **Python**, **SQL**
- Machine Learning (**ML**)
- **Big Data**: Hadoop, HDFS, YARN, HBase, MapReduce, Hive, Spark, Aerospike, etc.
- Task Management: **JIRA**, **Confluence**
- Work Design and Organization: **Miro**
- **Telecommunications**: SS7, ISDN, GSM, LTE, etc.

LANGUAGES

English: Proficient (C1)
French: Advanced (B2)
Russian: Native Speaker

HOBBIES

Application development, home automation, data analysis, AI applications, DIY projects, music, travel