Alex M.
Architect Solution architect/System architect/Technical leader

SUMMARY

- 20+ years of experience in software development, enterprise architecture, and technical leadership
- Led architecture strategy, redesign, and implementation of scalable, distributed, and high-availability systems across healthcare, gaming, energy, and SaaS
- AI & Automation: Experience with AI/ML, RAG, LLMs, LangChain, BigQuery ML, and agentic-based code generation pilots
- Cloud & Infrastructure: AWS, Azure, GCP, Kubernetes, Terraform, infrastructure design, and CI/CD practices
- Established architecture standards, technical roadmaps, ADRs, observability, and engineering processes across multiple teams
- Managed engineering teams simultaneously, coordinating backend, DevOps, QA, mobile, and AI specialists

TECHNICAL SKILLS

Main Technical Skills	Azure, Java SE, Java EE, Python, JavaScript, TypeScript
Programming Languages	AWK, C, C#, C++, Delphi, Java, JavaScript, Kotlin, PHP, Python, Swift, TypeScript
AI & Machine Learning	AI/ML, LangChain, RAG, Xgboost
Scala Frameworks	Akka, Apache Spark
Scala Libraries and Tools	Akka
JavaScript Frameworks	Angular, jQuery, Node.js
Java Libraries and Tools	Apache Camel, EJB, Hazelcast, iBATIS, Java EE, JavaFX, Java SE, Java Server Pages (JSP), Java Servlets, JDBC, JMS, JSF, JSTL, Quartz, SAX, Sencha, Swing
Java Frameworks	Apache Spark, Dropwizard, Hibernate, Spring, Spring Boot, Struts, Struts 2
Mobile Frameworks and Libraries	BLE
Android Libraries and Tools	Kotlin
PHP Frameworks	Laravel, Symfony, Zend
.NET Platform	.NET Core
PHP Libraries and Tools	Propel, Smarty

Salesforce Ecosystem	Salesforce
JavaScript Libraries and Tools	Sencha
Data Analysis and Visualization Technologies	Apache Spark, Apache ZooKeeper, ETL, OLAP, Power BI
Security	ISO 27001, RBAC, SOC 2
Databases & Management Systems / ORM	Apache Hadoop, Apache Spark, Cassandra, Couchbase, Data Lake, Data Warehouse, DWH, Elasticsearch, Hibernate, InfluxDB, Microsoft SQL Server, MongoDB, MS Access, MySQL, NoSQL, Oracle Database, ORM, PL/SQL, PostgreSQL, Redis, SQL
UI Frameworks, Libraries, and Browsers	Ajax, CSS, DOM, HTML, jQuery, MDB, SAML, XSLT, YUI
Cloud Platforms, Services & Computing	AWS, Azure, GCP
Azure Cloud Services	AKS, Azure Key Vault
Amazon Web Services	AWS EC2, AWS ECS (Amazon Elastic Container Service), AWS RDS (Amazon Relational Database Service), AWS S3, AWS SQS
Google Cloud Platform	Google BigQuery
Industry Domain Experience	HIPAA, ISO, POS, SAAS
UI/UX/Wireframing	Adobe Flash
Methodologies, Paradigms and Patterns	Agile, ITIL, REST, Scrum, UML
Platforms	Android, CRM, DBX, ERP, Microsoft, Salesforce, SharePoint
Message/Queue/Task Brokers	Apache ActiveMQ, Kafka, RabbitMQ
Web/App Servers, Middleware	Apache HTTP Server, Apache Tomcat, JBoss, Nginx, Oracle WebLogic Application Server, Tomee
QA, Test Automation, Security	Apache Maven, JUnit, Mockito, SSO, Unit Testing
Third Party Tools / IDEs / SDK / Services	Apache NetBeans, Eclipse, GCC, GDB, Office 365, Visual Studio
Version Control	Apache Subversion, BitBucket, CVS, Git, Github Actions, GitLab, Mercurial, MS SourceSafe, SVN, TortoiseSVN
SDK / API and Integrations	API, Electronic Data Interchange (EDI), Facebook Graph API, Keycloak, Log4j, ServiceNow API
Scripting and Command Line Interfaces	Bash, Perl, Shell Scripts

Mail / Network Protocols / Data transfer	bluez, Kerberos, LDAP, nfs, SNMP, SSH, SSL, WebSockets
Deployment, CI/CD & Administration	CircleCI, Drone CI, Gradle, Jenkins, TeamCity
Logging and Monitoring	Datadog
Virtualization, Containers and Orchestration	Docker, ESXi, Kubernetes, Terraform, XEN
Operating Systems	FreeBSD, HP-UX, IBM AIX, iOS, Linux Kernel, Oracle Solaris, RHEL (Red Hat Enterprise Linux), SLES, Windows
Collaboration, Task & Issue Tracking	IBM Rational ClearCase, Jira
Project Management & Administration	SMART
File Systems, Storage	XML
Other Technical Skills	ADO, Amazon Relational Database Service, Apache Commons, AVI, AWT, AXI, CDI, DB, DDTS, Dime, ECP, ehCache, EJB3, Energy Pro, EWS, Flash, GIS, G Suite, Infinispan, J2SE, Java Applet, JAXP, Lotus, Netty, NICE, Object Pascal, OLTP, openLDAP, OTA, PAM, Purify, SAP CRM, SDK, SED, Shibboleth, Skeleton, SymmetricDS, SystemD, tcsh, Telnet, Thrift, Tuxedo, TWAIN, wSGI

WORK EXPERIENCE

Systems Architect, Laso Health (Platform for 24/7 physician teletexting, next day remote therapy, leading prescription savings)

Sep. 2025 - Sep. 2026

A healthtech platform enabling continuous physician teletexting, remote therapy the next day, and leading prescription savings, aimed at improving healthcare accessibility and cost efficiency.

- Took over product from an outsourcing vendor
- Revamped processes to accelerate product delivery
- Introduced new architecture and QA/AQA practices
- Led full-scale implementation and supervised technical teams
- Assembled teams and launched ITIL process
- Guided company through SOC2 and HIPAA compliance
- Implemented agentic-based code generation pilot
- Managed 4 teams: engineering, DevOps, QA, mobile

Java, PHP, RDBMS, DWH, ETL, AI, RAG, LLMs, Java 21, PHP 8, Laravel 10-12, MySQL, PostgreSQL, Azure, MSSQL, PowerBI, Terraform, Kubernetes with AKS, Langchain.

Systems Architect, MaxQuest/MaxDuel (Sweepstakes games stabilization and scalability)

Jul. 2023 - Sep. 2025

Online real money sweepstakes gaming platform focusing on stabilizing and scaling the gaming backend to support increased user load and performance.

- Performed performance analysis and optimizations in backend infrastructure
- Led refactoring from stateful to stateless implementation for scalability
- Led Cassandra migration from version 2.x to 5.x
- Launched ITIL and QA processes
- Managed 3 teams: performance-focused engineering, QA, and DevOps

Java, JavaScript, RDBMS, messaging, Java 21, Node.js, Kafka, PostgreSQL, Cassandra, BigQuery, Google Cloud, Thrift, Zookeeper, Hazelcast, Terraform, Kubernetes with GCP.

Systems Architect, Solutions Architect, Bluegrove (Hydroacoustic and AI/ML systems for salmon farms)

Jul. 2023 - Aug. 2024

Smart aquaculture project developing hydroacoustic and artificial intelligence systems to monitor fish behavior, improve animal welfare, and automate precision feeding for salmon farms.

- Conducted architecture audit and redesign
- Defined and implemented technology roadmaps
- Prepared architecture documents and ADRs
- Negotiated with stakeholders and implemented POCs
- Restructured code and overhauled messaging infrastructure
- Improved reliability engineering and crash elimination
- Implemented centralized logging and observability
- Managed dependencies and standardized builds
- Coordinated engineering activities across product, AI, DevOps, and engineering teams

Python, .NET Core (C#), RDBMS, NoSQL, messaging, AI/ML, Python 3.x, .NET Core 5, PostgreSQL, RabbitMQ, Akka, Docker, BigQuery, BigQuery ML.

Systems Architect, Solutions Architect, Balcoo (EV Charging API and Energy Speedometer hardware and backend)

Jul. 2023 - Aug. 2024

Multiple projects in energy and utilities including EV Charging API integrating backend and charging hardware, and Energy Speedometer hardware product with firmware and backend services for energy consumption monitoring.

- Conducted business analysis and created product specifications
- Designed data-lake based power price and utilization prediction systems
- Coordinated engineering teams
- Designed scalable system architecture
- Analyzed requirements and tuned energy consumption prediction models based on historical and weather data
- Managed 4 teams: backend, embedded, QA, DevOps

Java, Python, RDBMS, time series DB, BLE 5, OTA, Data Lake, AI/ML, XGBoost, Java 21, Spring Boot 3.x, PostgreSQL, Zookeeper, InfluxDB, RabbitMQ, BananaPI, systemd, BlueZ, wpa_supplicant, Smart power meters, HAN devices, Google Cloud Platform, BigQuery, BigQuery ML, Terraform, Kubernetes.

Solutions Architect, Epitome (CRM for PCR testing POS and medical lab automation)

Sep. 2021 - Jul. 2023

Healthcare CRM solution for PCR testing point-of-sale and medical lab automation including four portals: lab, pharmacy, patient, and admin, designed to streamline COVID-19 testing processes.

- Prepared end-to-end architecture documents and ADRs
- Negotiated with stakeholders and implemented POCs
- Built product from scratch
- Conducted business analysis and product specification creation
- Designed solution architecture with no single point of failure
- Analyzed requirements and led implementation
- Managed 4 teams: backend, frontend, QA, DevOps

Java, RDBMS, messaging, RBAC, RLS, Java 14, Kotlin, Angular 14, PostgreSQL, Flyway, Kubernetes, Swift, Terraform, git, Bitbucket pipelines.

Solutions Architect, Technical Program Manager, Chewy (EDI processing infrastructure re-implementation)

Jun. 2021 - May 2022

Re-implementation of Electronic Data Interchange (EDI) processing infrastructure to improve procurement processes and integration with Oracle ERP systems.

- Conducted business analysis and design specification creation
- Coordinated engineering teams
- Designed scalable system architecture
- Performed performance and requirements analysis
- Defined infrastructure using Terraform
- Led implementation

Java, messaging, EDI (810, 850, 855, 856, 860), RDBMS, SSO, Java 17, Spring Boot 3.x, PostgreSQL, Apache Camel 3.x, Oracle ERP, AWS ECS, AWS RDS, Terraform, Docker, DataDog, CircleCI, Keycloak.

Technical Leader, AVI-SPL (Symphony - SaaS management platform for AV, video conferencing, and UC environments)

May 2020 - Jun. 2021

Symphony is a SaaS platform that monitors, controls, and analyzes multi-vendor audiovisual, video conferencing, and unified communications environments to improve operational efficiency.

- Refactored core services to eliminate technical debt
- Refactored device connection network library to reduce latency and improve stability
- Implemented integration with Exchange EWS and ServiceNow for incident management
- Managed a team of 5 engineers including code review and task assignments

Java, JavaScript, REST Services, Web Sockets, RDBMS, EWS (Exchange APIs), ServiceNow APIs, TCP/UDP networking, Telnet, SNMP, SSH, Java 9, Spring Boot, Jenkins, Git, PostgreSQL, MongoDB.

Technical Leader, eFolder/Axient (High loaded cloud backup solution for cloud services)

Aug. 2018 - May 2020

Cloud backup SaaS solution providing backup services for cloud platforms such as Office 365, G Suite, Salesforce, and Box, designed for high load and scalability.

- Designed scalable system architecture and specifications
- Performed performance analysis and Elasticsearch migration
- Managed a team of 5 engineers using Agile Scrum, XP, and pair programming
- Conducted code reviews and task assignments

Java, C#, Python, HTML, CSS, JavaScript, Angular, Java 1.8, Spring Boot, Spring Framework, Servlets, REST web services, JUnit 4/5, Dropwizard, Amazon S3, ElasticSearch 1.7/5.x, MongoDB, ActiveMQ, RabbitMQ, Kafka, Jenkins, Maven, Git, DroneCI.

Systems Architect, Comcube (Multiple projects including RBAC security SDK, PostgreSQL data synchronization, ETL and DWH implementation)

May 2017 - Aug. 2018

Enterprise ERP vendor projects including development of RBAC security SDK based on SAML, data synchronization layers for mobile databases, and ETL and data warehouse implementations.

- Implemented SAML SDK into ERP applications
- Designed software architecture and infrastructure clustering for high availability
- Prepared technical designs and coordinated team efforts
- Designed complex database schemas with versioning and deployment mechanisms
- Implemented session control and single logout
- Managed a team of 3 engineers using Agile Scrum, XP, and pair programming
- Conducted code reviews and task assignments

Java, ObjectiveC, C, PostgreSQL with RLS, JMS, SAML, ECP, Kerberos, RBAC, Web Sockets, Virtualization, Containerization, frontend implementation, Java 1.8, Spring 4.x, Hibernate, p6spy, javaassist, Android 4+, ActiveMQ, iOS 7+, Xen, Docker, Shibboleth 2.x/3.x, SenchaJS, Lotus Notes, SymmetricDS.

Systems Architect, Fractional CTO, Sequencing.com (Multiples projects including MPC Elastic Cloud Processing Engine, BigYotta file uploader, Altruist genome processing, AppChains VCF chain analysis, AppMarket genetic appmarket)

May 2016 - Nov. 2017

Healthtech and biotech projects focused on cloud-based genetic data processing, large-scale genome storage and analysis, and a genetic app marketplace for third-party integrations.

- Conducted business analysis and solution architecture design
- Designed no single point of failure architecture
- Prepared product specifications and requirements analysis
- Led implementation and ensured HIPAA compliance
- Led a Microsoft HQ hackathon with Microsoft Genomics department
- Managed a team of 7 engineers using Agile Scrum, XP, and pair programming
- Conducted code reviews and task assignments

Java, Python, JavaFX, REST web services, ETL, JMS, JDBC, NoSQL, AVL-trees, RB-trees, Virtualization ESXi, LDAP, PAM, Java 1.8/9, Python 3.x, Spring Boot 1.x, 2.x, Hibernate, Hadoop, Spark, Cassandra, MySQL, Docker, JUnit.

Senior Technical Leader, Playtika (Caesars Casino backend performance optimization)

May 2014 - Apr. 2016

Gambling project focused on backend performance optimization for Caesars Casino to reduce latencies and support more players efficiently.

- Performed performance analysis and optimizations in backend infrastructure, database, and protocols
- Identified and resolved deadlocks
- Managed a performance-focused team of 7 engineers

Java, Spring, NoSQL, SQL, Java 1.8, Spring 4, Couchbase 1.8, MySQL 5, javaassist.

Technical/Team Leader, WinInteractive LLC. (Berimbi, MoneyMania backend development for high loaded online trading game)

May 2012 - Apr. 2014

Social gaming backend development for high-load online trading games Berimbi and MoneyMania, focusing on scalable architecture and performance.

- Designed scalable system architecture and specifications
- Performed performance analysis and optimizations
- Developed software, conducted requirements analysis, design, and unit testing
- Conducted trainings and meetings, communicated with customer
- Created development checklists and time estimations
- Managed a team of 6 engineers using Agile Scrum, XP, and pair programming
- Conducted code reviews and task assignments

Java (J2SE, J2EE6), EJB3, CDI, Servlets, REST web services, JMS, JDBC, NoSQL, AVL-trees, RB-trees, SVN, TomEE 1.6, Couchbase 1.8/2.0, Netty 3.6, EHCache 2.6, PostgreSQL 9.2, ActiveMQ 5.x, RHEL 6.x, Amazon EC2, S3, Facebook Graph API, Maven, Jenkins.

Technical/Team Leader, Frog

Sep. 2010 - Apr. 2011

Technical/Team Leader, Netprospex network infrastructure and ETL & DWH setup

Sep. 2010 - Apr. 2011

Business data analytics project involving maintenance of network infrastructure and setup of ETL and data warehouse systems for analytics.

- Introduced ITIL process
- Measured application performance and analyzed bottlenecks
- Developed and integrated high availability solutions
- Implemented security hardening and central AAA solution
- Performed Linux kernel tuning and virtualization deployment
- Maintained RHEL cluster for MySQL DWH/DBMS
- Set up and managed DWH replication and backup processes

- Developed custom build scripts for high performance
- Managed a team of 2 engineers
- Managed project plan and MediaWiki site

Shell scripting (bash), Perl, awk, sed, SQL, RHEL/CentOS 5/6, MySQL 5.0/5.1/5.5, OpenLDAP 2.4, NFS, Mercurial, Puppet.

Technical/Team Leader, NICE call centers agent performance management software

Sep. 2010 - Apr. 2011

Support and development of call center agent performance management and measurement software.

- Software development, requirements analysis, design, functional and unit testing
- Conducted trainings and meetings, communicated with customer
- Created development checklists and time estimations
- Managed a team of 2 engineers and 4 students for practice
- Managed project plan and SharePoint site
- Followed ISO requirements for process and output

Java (J2SE, J2EE), Python, EJB, Portlets, Windows shell scripting, data warehouse, ETL, OLTP, OLAP, CVS, JBoss 4, Oracle 10/11, Windows 2008 Server, Eclipse, Embarcadero ETL.

Software Engineer/Technical/Team Leader, Aricent

Apr. 2007 - Apr. 2011

Technical/Team Leader, Comverse – M4AL (Mobile 4 Albania) Customer self service system

Sep. 2010 - Apr. 2011

Development of components for Comverse out-of-the-box customer self-service application customized for Mobile 4 Albania.

- Software development, requirements analysis, design, functional and unit testing
- Conducted trainings and meetings, communicated with customer
- Created development checklists and time estimations
- Managed a team of 5 engineers and 3 students for practice
- Managed project plan and SharePoint site
- Followed ISO and CMMI requirements

C++, Java SE, Java EE, Servlets, JSP, JSTL, Applets, ORM, SQL, PL/SQL, UML, ClearCase, SVN, Ant, TortoiseSVN, Eclipse, Araxis Merge, Dime, Comverse Presentation Logic Studio, MS Visual Studio 2008, JUnit, Spring, iBatis, Swing, AWT, TWAIN, Apache FOP, YUI, JQuery, Tomcat 6, Weblogic 9, Oracle 10.2, IBM AIX 5.2.

Technical/Team Leader, Comverse, Kenan FX/BP - Billing localization for Belgium telecom

Nov. 2009 - Sep. 2010

Billing localization project for Belgium telecom involving creation of data processors and C/C++ interfaces to data processing applications.

- Software development, requirements analysis, design, functional and unit testing
- Conducted trainings and meetings, communicated with customer
- Created development checklists
- Managed a team of 5 engineers
- Managed project plan and SharePoint site
- Followed ISO and CMMI requirements

C/C++, Java SE, SQL, PL/SQL, Unix shell scripting, UML, ClearCase, Ant, make, Eclipse, Dime, ClearQuest, DDTS, dbx, gdb, Purify, mdb, bash, tcsh, awk, sed, JDBC, Comverse Kenan C-API, Oracle 10.2, Sybase, Solaris 10.

Senior Software Engineer, Comverse, Kenan FX/BP - Billing localization for O2, Colt, Vodafone, P4

Mar. 2009 - Nov. 2009

Billing localization for multiple telecom operators involving creation of data processors and C/C++ interfaces to data processing applications.

- Software development, requirements analysis, design, functional testing
- Conducted trainings and communication with customer
- Managed a team of 2-3 engineers including code review and task assignments
- Followed ISO and CMMI requirements

C/C++, Java SE, Oracle PL/SQL, Unix shell scripting, SQL, PL/SQL, UML, Make, Ant, gdb, dbx, vim, Dime, ClearQuest, ClearCase, BEA Tuxedo, IBM AIX 5, HP-UX 11.2, Solaris, RHEL 5, Oracle 9.x/10.x, JDBC, Kenan Skeleton, Comverse API-TS.

Senior Software Engineer, Comverse, Kenan FX - Billing localization for KBW

Nov. 2008 - Mar. 2009

Billing localization project creating web services to interconnect Kenan FX with SAP CRM.

- Software development, requirements analysis, design, functional testing
- Communication with customer
- Followed ISO related processes

Java SE, Java EE, EJB, PL/SQL, WebServices, UML, Ant, Eclipse, Netbeans, BEA Weblogic 9, BEA Tuxedo, Oracle 10.1, HP-UX 11.23, SVN, ClearCase, Ehcache, API-TS.

Software engineer, Nuance FX – Enterprise application for managing document workflow in medical establishments

Aug. 2007 - May 2008

Enterprise application for managing document workflow in medical establishments, improving document handling and processing efficiency.

Software development and bug fixing

J2SE, J2EE (Servlets, JSP, JSF, EJB), JavaScript, AJAX, XML, DOM, XSLT, SQL, Ant, TestTrack PRO, Fiddler, MS Visual Studio, JBoss 4, Oracle 9, RHEL 4, Perforce, JDBC, JAXP, SAX, YUI.

Junior Software engineer, Dictaphone Enterprise Workstation - Speech recognition system and document management workflow for medical establishments

Apr. 2007 - Aug. 2007

Speech recognition system and document management workflow for medical establishments to enhance documentation efficiency.

Software development and bug fixing

C/C++, Java Servlets, JSP, JSTL, JavaScript, SQL, MS Visual Studio 2003, Borland JBuilder, MSSQL, Windows 2000 Server, SourceGear Vault.

Software engineer, Vinnytsia National Technical University, Department of Ecology and Natural Resources of Vinnytsia region (State monitoring system of water quality)

Sep. 2006 - Apr. 2007

System for monitoring water quality at the state level to ensure environmental safety and compliance.

Software development, requirements analysis, design, functional testing

PHP, HTML, XML, CSS, SSL, SQL, JavaScript, AJAX, Apache 1.3, 2.0, MySQL 4, MS Access 2000.

Software engineer, Link (Online multicast streaming system)

Aug. 2006 - Mar. 2007

Online multicast streaming system streaming videos from user webcams to enable live video broadcasting.

Software development and functional testing

Java SE, Java EE, Servlets, JSP, JSTL, ActionScript 2, SQL, Eclipse, Adobe Flash, Ant, Red5, JDBC, Hibernate, Spring, PostgreSQL, CentOS 4, Tomcat 5, SVN.

Software engineer, NewAgeLab

May 2006 - Nov. 2007

Software engineer, Statistics gathering and analyzing system for high loaded internet resources

Aug. 2006 - Nov. 2007

System for gathering and analyzing statistics for high-load internet resources to support data-driven decisions.

Software development, functional testing, documentation creation

PHP, C, Perl, SQL, Make, gcc, gdb, Apache 1.3, MySQL 4, SVN.

Software engineer, Internet site for Jaguar Ukraine

May 2006 - Aug. 2006

Development of the internet site for Jaguar Ukraine to provide online presence and information.

Software development and functional testing

PHP, HTML, XML, XSLT, CSS2, SSL, SQL, AJAX, ZendDebugger, ZendStudio, Apache 1.3, nginx, MySQL 4.

Software engineer, Regional staff centre (Human resources management system for Vinnytsia regional staff centre)

Oct. 2005 - Oct. 2006

Human resources management system developed for the Vinnytsia regional staff centre to streamline HR processes.

Software development and functional testing, documentation creation

Object Pascal, ADO, MS Access 2000, RAD Delphi 7.

Software engineer, NewAgeLab

Oct. 2005 - May 2006

Software engineer, Internet site for Segodnya online edition

Oct. 2005 - May 2006

Development of the internet site for Segodnya online edition to provide news and content online.

Software development and functional testing

PHP, HTML, XML, XSLT, CSS2, SSL, SQL, PL/SQL, AJAX, ZendDebugger, ZendStudio, Apache 2, nginx, Oracle 9, RHEL 4.

Software engineer, Internet site for Aerosvit Ukraine

Oct. 2005 - May 2006

Development of the internet site for Aerosvit Ukraine airline to provide online information and services.

Software development, design, testing, documentation creation

PHP, HTML, XML, XSLT, CSS2, SSL, SQL, AJAX, ZendDebugger, ZendStudio, Apache 1.3, nginx, MySQL 4, SLES 9.

Software engineer, Link

Sep. 2004 - Oct. 2005

Software engineer, Frontend for Wireless AAA billing system

Jul. 2005 - Oct. 2005

Frontend development for Wireless Authentication, Authorization, and Accounting (AAA) billing system.

Software development, design, functional testing, deployment, documentation

Apache, Perl, PHP, XSLT, XML, Eclipse, SLES 9, FreeBSD 5, PostgreSQL 7.

Software engineer, Backend for Wireless AAA billing system

Sep. 2004 - Jul. 2005

Backend development for Wireless AAA billing system handling authentication and accounting processes.

Software development, design, functional testing, deployment, documentation creation

C/C++, Perl, Bash, SQL, XML, Make, gcc, gdb, vim, Apache 1.3, FreeRADIUS, PostgreSQL, SLES 9, FreeBSD.

Junior Software engineer, Vinnitsya State Technical University (Addons creation for GIS Panorama)

Dec. 2003 - Dec. 2005

Development of addons for GIS Panorama geographic information system to extend its functionality.

Software development

Object Pascal, ADO, GIS Panorama, MS Access 2000.

Junior Software engineer, Flextronics (Flash games development)

Sep. 2003 - Sep. 2004

Development of Flash games using object-oriented ActionScript to create interactive entertainment.

Software development

OO ActionScript, Macromedia Flash, SourceSafe.

EDUCATION

- **Ph.D. in Information technologies**
  National Technical University
  2013
- **M.S. in Control and Automation Systems**
  National Technical University
  2008
- **B.S. in Control and Automation Systems**
  National Technical University
  2007