

Yevhenii Lomov

yehvenii.lomov@gmail.com

<https://www.linkedin.com/in/ylomov/>

Ukraine, Kharkiv

Solution Architect/Software Architect

▼ Summary

With over 14 years of experience in software development, I have honed my skills in leading, development, and architecture. My journey has seen me contribute to various projects, from smaller, focused endeavors to large-scale projects involving over 100 team members.

Throughout my career, I have worn many hats, serving as a developer, DevOps specialist, leader, and architect. In the past five years, my focus has been on leading and performing architecture activities. This includes engaging in presales, conducting discoveries, performing assessments, and providing project architecture support.

One of my key responsibilities has been leading different project streams to ensure the alignment of architecture with implementation. I have also played a vital role in architecture governance, ensuring that projects adhere to architectural guidelines and best practices.

I have a hands-on approach and actively participate in development, management, and DevOps activities. Additionally, I also have hands-on experience in developing proof of concepts (POCs) to validate architectural decisions and foster innovation.

I am committed to continuous improvement and innovation, always seeking new challenges and opportunities to expand my skills and deliver projects goals

Certifications

- [SEI Software Architecture Professional Certificate](#). Issued 2022, no expiration date
- [Google Cloud Certified Professional Cloud Architect](#). Issued 2022, expired in 2025
- [MCSD: App Builder](#)
- [MCSA: Web Applications](#)
- [Microsoft®: Programming in C#](#)
- [Microsoft®: Developing ASP.NET MVC Web](#)

Education

Simon Kuznets Kharkiv National University of Economics, Graduated 30.06.2010 Degree - Specialist,
Specialization - Information Systems Analyst

Languages

- **English** - Upper-Intermediate strong
- **Ukrainian, Russian** - Native

▼ Skills section

Architecture

- Software architect design: Architecture patterns, etc.
- Architecture documentation: software architecture views and beyond, 4+1, C4, etc.
- Pre-sales involvement
- Discovery involvement
- Architecture Assessment

Methodologies and Principles

- SDLC, Agile, Scrum, Extreme Programming (XP), Pair-programming, Kanban, Scrum-Ban, Waterfall, SAFE
- TDD (Test Driven), FDD (Feature Driven), BDD (Behavior Driven Development)
- Software Design Patterns
- SOLID, KISS, DRY, GRASP
- OWASP, Security risk assessment

Clouds

- GCP
- Azure
- AWS
- Linode

Programming languages and technologies

- The main hard stack is Microsoft technologies. I have been working with almost all .net Microsoft technologies starting from .Net 2, .Net Core, and ending with the newest .Net 6-8. Keywords: asp.net, owin/katana, IIS, asp.net core, kestrel, wcf, windows forms, wpf, wwf, blazor, signalR, windows service, console application, Linq-to-Sql, EF, EF.core, dapper, unit/integration/2e2 testing, NUnit, mocks, stub, etc.
- One production released project with using Android SDK, Java 6, Android 2.3
- One production released project was written on Python 3+, sqlalchemy, structlog, sanic, pytest
- JavaScript/HTML/CSS
- Reverse-engineering, programming by using assembler for x86 by using TASM, MASM
- Penetration testing: nmap, sqlmap, metasploit, burp, wireshark, bettercap, hashcat, etc.

Databases

- MS SQL Server, MS SSIS/Azure SQL/Cosmos/
- PostgreSQL
- Neo4j
- Mongo

- IBM Informix
- SQL Compatible databases

DevOps

- K8S, GKE
- Terraform, Terragrunt
- HELM, Kustomize
- CI/CD
 - Octopus,
 - Jenkins,
 - Tekton,
 - Azure DevOps
- Prometheus + Grafana, Loki, Jaeger
- OpenTelemetry Standard
- ELK Stack (Elastic, LogStash, Kibana)
- SonarQube

IDE

- Visual Studio, Visual Studio Code
- JetBrains IDEs, Rider, PyCharm, IntelliJ, etc.

Operation Systems

- Windows-based
- UNIX/Linux based

▼ Experience

N-iX Solution, March of 2023 - Present

▼ Experience

Solution Architect

Live Commerce, eBay, 5 months - 1 year of involvement, 15 people

You can think it is a combination of TikTok, and Instagram where users can sell, and buy, make bits of goods in real-time which supports thousands of users per live stream.

- Design, document architecture, preparing and agree QAs
- Providing architecture guidelines, governance
- Guide technical streams, BE, Front-End, Mobile, DevOps
- Distributing performance testing
- DevOps duties, provision, design, CI/CD

Tools & Technologies

Java, iOS, Android native, React, GCP, GKE, Terraform, Jenkins, Groovy scripting, HELM, LiveKit, RealTime

Solution Architect

Solution group activities, 1+ year of involvement till now

- Engagement in Architecture Pre-Sales, Discovery, Assessment, Consulting
 - Designing and improving internal processes
 - Any kind of technical investigation
 - Guidance and support architecture community
 - Technical interviewing and knowledge assessment
 - Design and development of internal tools
 - Providing technical documentation
-

SoftServe, June of 2016 - 2023

▼ Experience

Application Architect / Solution Architect

Case Assignment, Deloitte, 3 months, 2 people

Empowers flexible insurance case assignment with customizable descriptions and dynamic fields.

- Design solution architecture, Case Assignment is one of the parts of big micro service architecture of the solution
- Design application architecture
- Development PoC, MVP, Testing, Deployment
- Providing technical documentation

Tools & Technologies

Python 3.10, sanic, sqlalchemy, structlog, attrs, dynaconf, anyio, py-automapper, pytest-asyncio, pytest-docker, PostgreSQL, AWS, K8s

Application Architect / Solution Architect

Associated parties, Deloitte, 3 - 5 months, 4 people

The solution provides an ability to create dynamic objects connect those objects and travel across them to effectively find information between any kind of object. Find any relations and associations in a creative visual way by moving and traveling between blocks on the screen.

- Architecture and design
- Knowledge sharing, coaching
- Requirements analysis and clarification
- Development PoC, MVP, Testing, Deployment
- Providing technical documentation

Tools & Technologies

AWS, K8s, Neo4j, .net core 6, asp.net core, OpenTelemetry, Jaeger, Grafana, Prometheus, Elastic, Kibana, Angular 11

Application Architect / Solution Architect

Document Repository and Search, Deloitte, 1 year - 1,5 years, 3 people

This project intends to leverage OCR technology to extract text from images, and documents. Digitalize documents and create secure storage with the ability to perform a text search across all uploaded documents and use documents across multiple solutions. Unified digital document storage.

- Architecture and design
- Knowledge sharing, coaching
- Requirements analysis and clarification
- Development PoC, MVP, Testing, Deployment
- Providing technical documentation

Tools & Technologies

Microservice-architecture, Micro Frontends, AWS, K8s, AWS Textract, AWS S3, AWS OpenSearch, .net core 6, asp.net core, swagger, FluentValidation, auto-mapper, gRPC, Polly, PostgreSQL, EF Core, OpenTelemetry, Jaeger, Grafana, Prometheus, Elastic, Kibana, Serilog, MassTransit, RabbitMQ, Angular 11, PdfConverters, Aspose Converters, Dawn.Guard, docker-compose, etc.

Application Architect / Solution Architect

Configuration management system, Deloitte, 5 months, 2 people

Independent centralized and managed configuration solution that helps securely manage application settings across multiple solutions and environments by using Bitemporal model

- Architecture and design
- Knowledge sharing, coaching
- Requirements analysis and clarification
- Development PoC, MVP, Testing, Deployment
- Providing technical documentation

Tools & Technologies

Microservice-architecture, Event-Sourcing, Bitemporal model, AWS, K8s, .net core 5, asp.net core, PostgreSQL, Dapper, SqlKata, OpenTracing, React

Application Architect / Tech Lead

Realtime process management system, Voloridge, 5 - 7 months, 5 people

The process management system allows to track, and managing processes, and orders for operators and traders. The main idea of the application is to provide real-time data with low latency, user-friendly visualization, and management.

- Architecture and design

- Technical leadership
- Knowledge sharing, coaching
- Requirements analysis and clarification
- Non-Functional requirements gathering
- Estimation, prioritization, and distribution of tasks
- CI/CD establishment
- Design/controlling code style conventions, Code development, Unit testing
- Providing technical documentation

Tools & Technologies

Blazor Server, Asp.net Core 3.0/.Net 5 Web API, SignalR, Identity Server 3, Docker, docker-compose, Entity Framework Core, Dapper, ReactiveX, MS SQL, GitLab, Grafana, RabbitMQ

Application Architect / Tech Lead

Subscription purchases platform, US Company, VPN, Email, News services, 1 year +, 15 people

Multi-tenant subscription platform for Email, News, and VPN with in-app purchases through Google and Apple. Using DDD approach and leveraging microservices architecture for scalability and maintainability. Using third-party subscription and payment management tools.

- Architecture and design
- Technical leadership
- Knowledge sharing, coaching
- Requirements analysis and clarification
- Non-Functional requirements gathering
- Estimation, prioritization, and distribution of tasks
- CI/CD establishment
- Design/controlling code style conventions, Code development, Unit testing
- Providing technical documentation

Tools & Technologies

Asp.net Core 3.0 Web API, Docker, docker-compose, K8s, Entity Framework Core, MariaDb, AWS, GitLab, ELK, Prometheus, RabbitMQ, Recurly, monorepo

Application Architect / Tech Lead

SaaS Marketplace, Vivint, 2 years+, 25 - 17 people

It is the Uber of Affiliate Marketing: Send leads, track them, and get paid instantly! Use your phone to refer and make money! It is a simple referral app that anyone can use to refer trusted home services. With the click of a button, you can refer your Clients, friends, family, co-workers, and even someone you just met. This app helps you make easy money by sharing services with friends, family, or acquaintances who trust your relationship and recommendation.

- Architecture and design, Architecture governance
- Knowledge sharing, coaching
- Requirements analysis and clarification
- Non-Functional requirements gathering

- Estimation, prioritization, and distribution of tasks
- CI/CD establishment
- Design/controlling code style conventions, Code development, Unit testing
- Providing technical documentation

Tools & Technologies

Microsoft Azure, Azure functions (from the first version to 2en one), Function Monkey, Serverless, Azure SQL, Cosmos DB, Azure Service Bus, Storage Accounts, App Insight, API management Service, FrontDoor, Alerts, Monitor, Dashboard, WAF, C# .net core 2.2, Google Cloud, iOS, Android, Web application – Angular 8, TypeScript, Redux.

Tech Lead

Compare broadband service, SimplifyDigital, 10+ months, 4 people

Compare broadband service where you can check/test/buy/get for free broadband, phone, TV deals from various options.

- Team Governance
- Knowledge sharing, coaching
- Requirements analysis and clarification
- Estimation, prioritization, and distribution of tasks
- CI/CD establishment, Deployments
- Tiger team responsibility
- Design/controlling code style conventions, Code development, Unit testing
- Providing technical documentation

Tools & Technologies

.net, C#, ASP.net MVC, JavaScript, HTML, CSS, knockout js, LESS, jQuery, Orchard CMS, Orchard plugin development, MS SQL, MS SSIS, Jenkins, Octopus, NUnit.

EPAM Systems, March of 2014 - 2016

▼ Experience

Stream Lead / Senior Software Engineer

ERP System, USA company, 2+ years, 100+ people

The Project was created to assist the customer development team with a conversion process from the obsolete ASP technology to the modern ASP.NET MVC basis taking advantage of a specially tailored framework. It is a cloud-based enterprise resource planning system.

- Designed and developed/tested pieces of the new application heavily targeting the back-end part using the C# programming language as well as created special-case JavaScript logic on the client-side
- Investigated and debugged the ASP application

- Participated in direct discussions with the customer representatives elaborating solutions for designing new system functionality
- Conducted training of the junior development team members;
- Studied T-SQL stored procedures, learning subject domain logic and tracking DB-related issues
- Analyzed and reported defects found both in the old application and the new ASP.NET-backed customer-provided framework
- Providing technical documentation

Tools & Technologies

ASP.NET MVC, jQuery, HTML, CSS C#. Net framework, JavaScript, MS SQL, KnockoutJs.

Senior Software Engineer

Weather Forecasting Service, EU company, 1 year, 10 people

Global weather forecasts for critical industries: Transport, Energy, Marine, Insurance & more.

- Refactor old code
- Develop/Test a new functionality
- Providing technical documentation
- Involvement in design and architecture processes

Tools & Technologies

C#, .Net Framework, Informix, WCF, EF, WPF, ASP.Net MVC, ASP.Net WEB API, SignalR, Windows Services, Azure Service Bus

Videal, Feb of 2012 - 2014

▼ Experience

Software Engineer

SocialBox, www.socialboxusa.com, 1 year, 1

Engage audiences at events with SocialBox, an all-in-one photo & video box. Capture memories, share them on social media (Facebook, Twitter), and print them instantly - all on a desktop or tablet app.

- Architecture and design, Providing technical documentation
- Creating PoC, MVP
- Developing/Testing the functionality
 - Live audio and video streaming
 - Augmented Reality, Filtering, etc
- Functional/Non Functional Requirement gathering
- Direct customer communication
- Tiger team responsibility
- Learning and adapting a new technology to fit the project needs

Tools & Technologies

C#, .Net Framework, Windows Store Application, WPF, WCF, Facebook API, Twitter API, DropBox API,

working with cameras and printers.

Software Engineer

Advertising client-side platform, EU Company, 1 year, 2 - 3 people

Engage audiences at events with SocialBox, an all-in-one photo & video box. Capture memories, share them on social media (Facebook, Twitter), and print them instantly - all on a tablet app.

- Estimation, prioritization
- Code development
- Unit testing
- Development build and deployment scripts
- Product support and documentation maintenance

Tools & Technologies

C#, .Net Framework, WPF, MS SQL Compact, sqlOm, Google API, Yandex API.

Software Engineer

Callogram, EU Customer, 1 year, 2 people

It allows users to share pictures with every Android mobile-to-mobile call. Eventually replacing the standard calling screen with adding additional functionality.

- Code Refactoring
- Estimation, prioritization
- Code development
- Unit testing
- Development build and deployment scripts
- Product support and documentation maintenance
- Learning and adapting a new technology to fit the project needs

Tools & Technologies

Android SDK, Java 6, Android 2.3, 4.0, Parse.API, Facebook API

Quadecco, Sep of 2010 - 2012

▼ Experience

Software Engineer

Drey, EU Customer, 1 year, 5 people

Unleash the power of a configurable SaaS dashboard. Tailor your workspace to your specific needs. Easily integrate a vast array of services, like Facebook friend previews, email add-ons, and calendar integrations. Gain complete control over your data visualization and streamline your workflow.

- Estimation, prioritization;

- Code development, Bug Fixing, Unit testing
- Development build and deployment scripts
- Product support and documentation maintenance
- The developing following functionality
 - Discussion Forums(like Facebook discussion board);
 - User Deactivation(garbage collector for user accounts)
 - Synchronization Service(synchronization contacts, calendar with Google, Ms Exchange, Yahoo)
 - File Management(like DropBox)
 - Gallery (like Google Picasa)
 - DAL security layer(roles and permission for all entities)
 - Web security layer
 - Anti XSS, Penetration testing.
- Product support and documentation maintenance

Tools & Technologies

C#, .Net Framework, ASP.NET MVC, Linq to Sql, MS SQL 2008, HTML, CSS, jQuery, WCF, Win Service, Google API, Yahoo API, Konakart API, MS SQL

Software Engineer

Small Sales platform, EU Customer, 6 months, 2 people

Shop smarter, not harder! Find your perfect fit online with our easy-to-use measurement tool and discover your new favorite clothes.

- Code Refactoring
- Estimation, prioritization
- Code development, bug fixing
- Unit testing
- Development build and deployment scripts
- Product support and documentation maintenance

Tools & Technologies

.Net Framework 4.0 C#, ASP.NET MVC, ADO.NET, MS SQL, HTML, JavaScript, jQuery, NUnit

SweetSoft, Feb of 2010 - 2010

▼ Experience

Junior Software Engineer

Report Generation, EU Customer, 6 months, 5 people

Transform raw user data into actionable insights with our user analytics software. Generate intelligent reports automatically, enabling your analytics department to work smarter, not harder.

- Develop/Test/Fix reports
- Analyze functional requirements for report generation

- Estimation, prioritization

Tools & Technologies

.Net Framework 3 - 4.0 C#, MS SQL, DevExpress
