

SALUCYBER

the vision for the future

Ukrainian Leaders



Timur Shemsedinov

—
CTO

Expert in cloud computing, distributed databases and system programming. Chief Technology Architect of Metarhia.



Yaroslav Kologryvov

—
Managing partner

PhD, Expert in foresight, innovation, ecosystem development (Sikorsky Challenge, Kyiv Polytechnic Science Park).



Svitlana Skosyrska

—
COO/CFO

Expert in the fields of innovative project development, financial sector and banking.



Ivan Shovkoplias

—
CMO

Branding and marketing expert, covering communication strategies, brand identity and IT product promotion.

Team (+100 high-level professionals)



Greg Rattray

Business Development Partner

Expert in cybersecurity risk management and partner relations. Co-founder of **Next Peak** and former Global Chief Information Security Officer at **JP Morgan Chase**.



Matthew Murray

Chief Govt. Relations Partner

Founder of **Sovereign Ventures**. Former senior advisor at the **White House**, Deputy Assistant Secretary at U.S. Department of Commerce.



David Lashway

Partner for Cybersecurity and Privacy Best Practices

Co-chair of the Global Cybersecurity Practice, member of the Management Committee at **Baker McKenzie**.



Junaid Islam

Cybersecurity Technological Partner

Expert in network and security protocol design (30+ years), with contributions to U.S. gov. networks. Development lead at **Secure Enclaves**.

Ukrainian Team Past Projects

UIS MIA (Unified information system for Ministry of internal affair of Ukraine)

SinceTV - Second screen solution for online TV shows, news, games, sport and intellectual shows, etc. (budget: 15 mln. USD)

LayerSaver and **GTS/ep360** - distributed RFID solution, asset tracking and event processing for Kennedy Group and Alien Technology

NCOP - financial analytic software for NCO (debt portfolio management)

Galaxy MDS - Healthcare software suite for Galaxy Corp.

PPDMN Oil-pump telemetry and control solution for equipment in oil transporting systems of PPDMN and Ukrnafta

And much more...

USA Team Past Projects

Cyber program uplift for **JP Morgan Chase** for 2000 person/\$600 million annual program

Commander of **US Air Force** Cyber Operations Group – 900 person/\$250 million annual budget

Establish **US Financial Systemic Analysis** and Resiliency Center

Establish **US National Cybersecurity Strategy** & Cyber Exercise Program

Establish **ICANN** Plan to Enhance Internet Security, Stability and Resiliency

Assist **Japan National CERT** to build counter advanced threat program and range

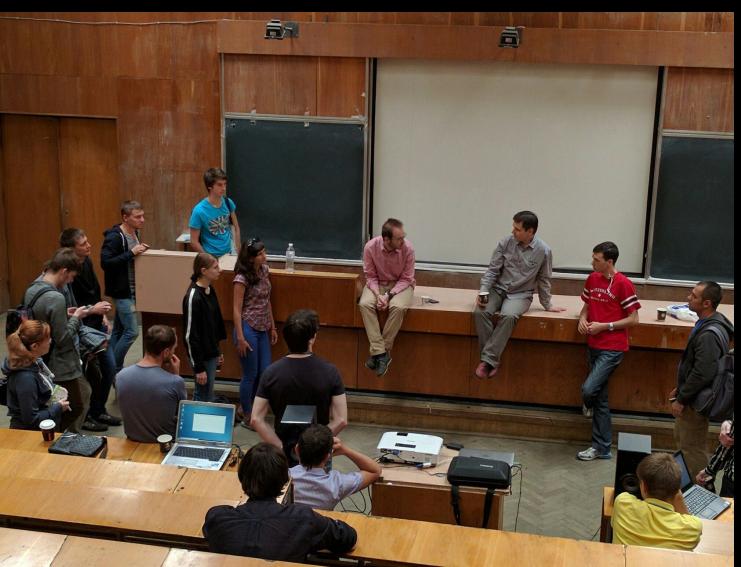
Metarhia

Software Engineering Community
and
Technology Stack for Private Clouds

Access to top talents and experts

Metarhia is a Community since **2013** (7 years) ~**20.000** developers,
we did **269** meetups and **162** lectures, we have **5** node.js contributors.

Metarhia is a Technology stack for highload apps: **44** collaborators and
>100 contributors, multiple use cases including interactive TV, games,
fintech, healthtech, and government.









Largest companies that use Node.js



The New York Times



What is Metaserverless?

The next step after cloud, secure and lightweight private clouds.
Unique features: security, scalability, open source, no vendor lock.
Up to x10 hardware utilization effectiveness.
Optimized TTM, focus on the business/product.

Global applications

Variety of applied fields: fintech, eCommerce, medicine, transport, IoT, production automation, entertainment, communications, government IT, corporate applications, ERP, SCM, CRM, big-data and big-memory, etc.

Key technology features

Interactivity

Millions of long-lived connections for interactive real-time communication

Private clouds

Ready-to-use software solutions to build private clouds and host applications

Security

Code isolation, application firewall, and architecture-level safety

Business freedom

Transparent scaling, No vendor lock. Full control over your cloud.

Key technology features

No warming issues

Due to quick resource redistribution and reservation, as well as autoscaling

Corporate-level IT

Distributed in-memory databases combined with runtime and application server

Stateful for Node.js

True stateful approach for distributed databases and persistent-data applications

Community

We have software community of 20.000 engineers, education programs and certification

Key technology features

Effectiveness

Up to x10 server effectiveness. Optimized TTM, focus on the business/product.

Architecture

Integral application architecture (not just cloud functions), big picture & application servers.

Unification

Single language, single runtime, single API, single code, multiple unified instances.

Global reach

Application transparent roaming between data centers over the world.

Architecture and R&D as a Service

Don't make in-house architecture and system programming,
Use best practices from the creators of Metarhia & Node.js

Problem

Companies, products, projects and startups:

1. Spend a lot of **time** to prepare **architecture**, **team** and **tools** and start
2. Solve the **same** technological **problems** during development
3. Hire full-time **CTOs** and **Architects** (up to **40%** of the salary budget)
4. Cannot quickly find **qualified specialists** (especially leads and seniors)
5. No **experience** in high **performance**, **security**, quality and architecture
6. Face technology problems leading to **overcost** and **overtime**
7. Have an **unpredictable life cycle** due to lack of expertise
8. Extensive problem solving leading to **business-model fail**
9. Lack of **engineering culture** and development best practices

Solution

We propose to:

1. Concentrate on the **domain** and **business**, build domain-centric team
2. **Outsource technology** competencies and system programming
3. Optimize development **budget** and significantly reduce needed **time**
4. Minimize **fail risks** and avoid potential architecture problems
5. Immediately get top-level technological **expertise** hourly as a **service**
6. Don't stop development facing problems or **bottlenecks**
7. Introduce **knowledge**-driven management and enthusiastic **motivation**
8. Use best practices from the creators of **Metarhia** & **Node.js**
9. Move to **cutting-edge** technologies without **vendor-lock**

Our services

We propose to:

1. **Domain** analysis and project **concept** evaluation on the early stage
2. Prepare **architecture** in 2-3 days using **templates** and custom cases
3. Select **technology** stack and build dedicated **teams** in 5-10 days
4. Help with project **plan** and **cloud-ready** development **estimation**
5. Architectural **supervision** and technical leadership as a service
6. Long-term **partnership** and common success motivation
7. Participation in **negotiations**, search for **financing**, partners and market
8. Team **training**: technologies, culture and engineering practices
9. Code **review**, refactoring proposals, project audit and security **audit**

Thank you!



NEXT PEAK

SALUCYBER

SOVEREIGN VENTURES



Impress
Application
Server



CentOS



Metarhia
ultimate automation



PostgreSQL