CreaTek-M
Professional Software Solutions

We support with our team with the development of complex Web- and Business-Applications

- E-Government
- Telematics
- Transport and Logistics
- Fintech & E-Banking
- E-Commerce

About us

Valerii Kashpruk

Ukraine, USA

Team Lead, Lead SW Architect, SAP Expert, RubyOnRails Spezialist, SW-Developer & Architect, Fintech, banking, e-commerce, e-government

Konstantin Ivanov

Ukraine

CEO, international Project Management, ITS Specialist, Transport Modelling, Transport & Warehouse Logistics, Data Scientist, Statistics Expert

Alexander Sickert

Germany, Ukraine

Lead Data Scientist, Software Architect, SW-Dev Team Lead, Transport Logistics Expert, Database Specialist

15+
Years of international experience

25+
IT Experts

50+
Successful projects

Our Services

- **Design - UI-UX**
- **Full Cycle – Analysis / Architecture / Development / Support**
- **Data Modelling**
- **Data Analysis**
- **Project Management**
- **CI/CD**
- **QA**

Technology Stack

- **Frontend**
  Angular 2+, vue.js, nuxt.js
- **Backend**
  Rails, Node.js, GraphQL
- **Databases**
  Postgresql, MongoDB, GraphDB, Elastic
- **Integration**
  Kubernetes, Docker

Our company base - Ukraine

Second largest market for IT development services in Central and Eastern Europe

- 5th place among the 25 largest exporters of IT services
- Currently with more than 250,000 IT specialists
- Annual growth 20% +

Attractive price-performance ratio - but above-average salaries compared to other industries measured in return

110 development centers of major global companies including Microsoft, Samsung Electronics, Apple, Skype, IBM, Boeing, Ericsson, Siemens, Oracle, and others.

Solid technical expertise and high-quality training

- 87% of women and 82% of men in IT have a university diploma
- 36,000 graduates in technology and IT annually
- 85% percent of developers in Ukraine with intermediate or higher English skills

Advantageous geographical location for customers - Western-oriented way of thinking and working

Our Projects

Moscow – Monitoring of Cab Fleet

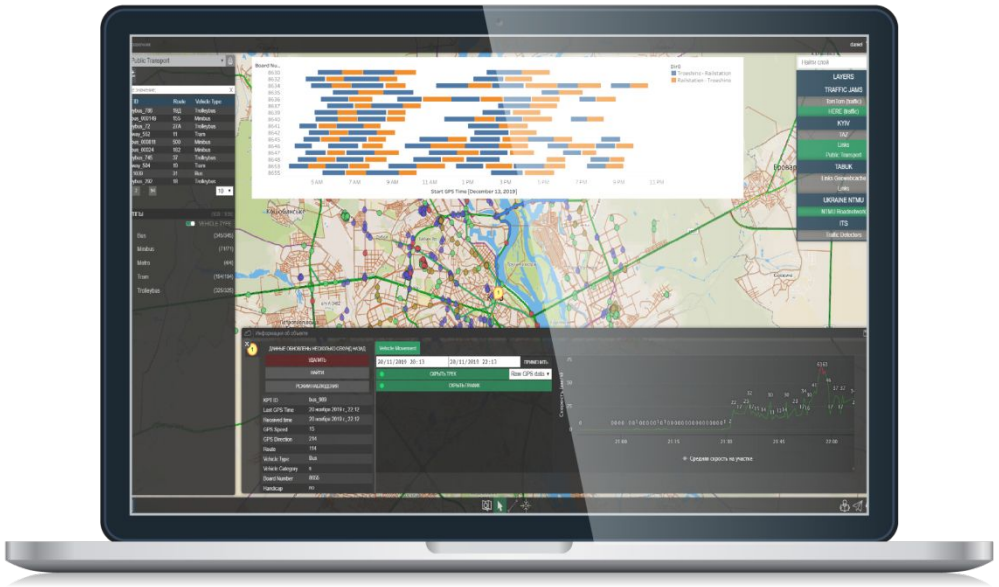
The Moscow City Council had the task of enforcing the licensing of the cab fleet in the city and setting up a monitoring system that would allow verification of the registered vehicles.

Our experts helped the customer to connect the approximately 150,000 cabs and integrate GPS data into the system in real time. Analysis tools were implemented and provided to the customer in a complete package as a monitoring system.

Client: City Council Moscow

Angular, Postgresql, Rails, RabbitMQ

Kyiv – Analysis and Monitoring of Mass Transit Fleet



Our team was commissioned to develop a tool for this task. As part of the project, we developed a monitoring and analysis tool that allows the customer to detect delays in good time, analyze the causes and thus significantly improve the efficiency of operations.

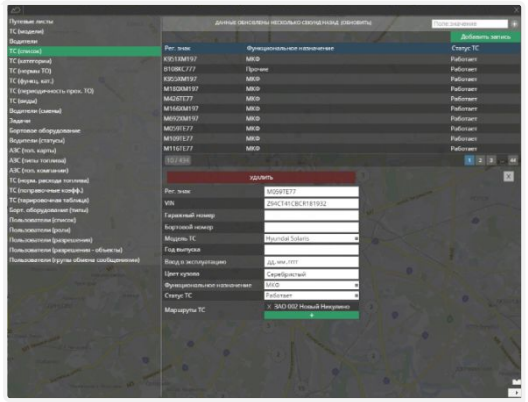
The urban mass transit operator in Kiev was faced with the task of verifying the operation of the mass transit fleet, the efficiency of operations, and compliance with the timetable on a daily basis.

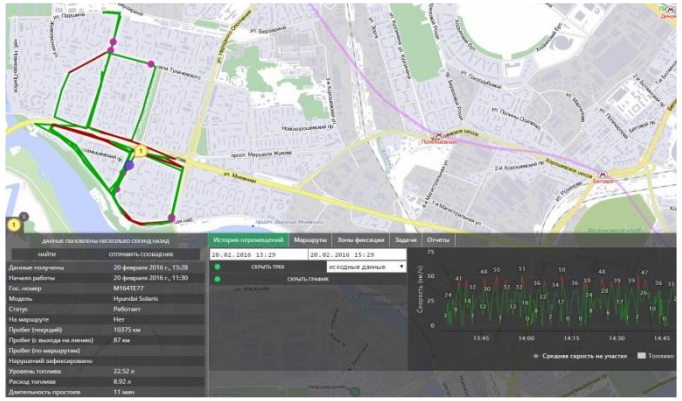
Client: Kyiv Public Transport Operator

Angular, Postgresql, Rails, RabbitMQ

Moscow – Automated Parking Control System

The traffic control center in Moscow was entrusted with the task of implementing parking management in the city. In the course of this, paid parking was introduced and a system for automated control was to be implemented.





Our experts implemented a system for the customer, which allows him to plan the use of parking inspectors (special vehicles with ANPR cameras) and quantify their performance. The customer was able to amortize the development costs of the system in the first 3 months of operation through saved fuel costs.

Client: Traffic Control Center Moscow

Angular, Postgresql, Rails, Android

Moscow – Traffic Detectors Analysis

As part of the fundamental modernization of the Moscow transport system and the strategic introduction of intelligent traffic control systems, more than 11,000 traffic detectors have been installed throughout the Moscow metropolitan area.

The customer, the municipal traffic department, commissioned us to create a web-based software solution for automated real-time acquisition of detector measurements, including input data checking and long-term analytics. As a result, the quality of the data could be improved by the system and applied as an input data provider for intelligent traffic control.

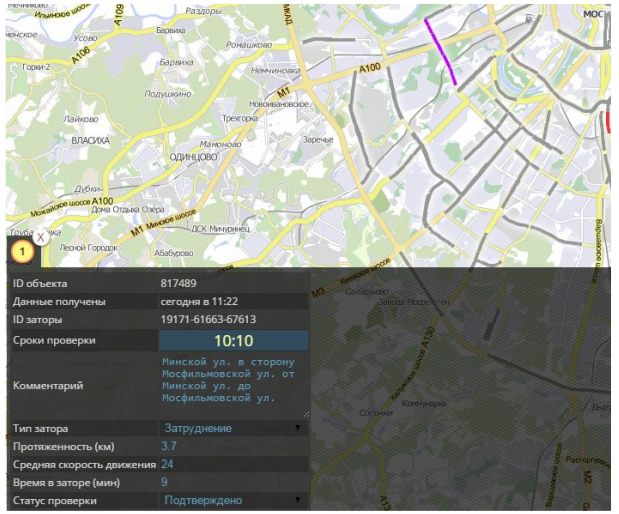
Client: Municipal Traffic Department Moscow

Moscow - Radiojam

With the introduction of intelligent traffic control systems in Moscow, a dynamic traffic model has been built that provides up-to-date, real-time congestion information with forecasting.

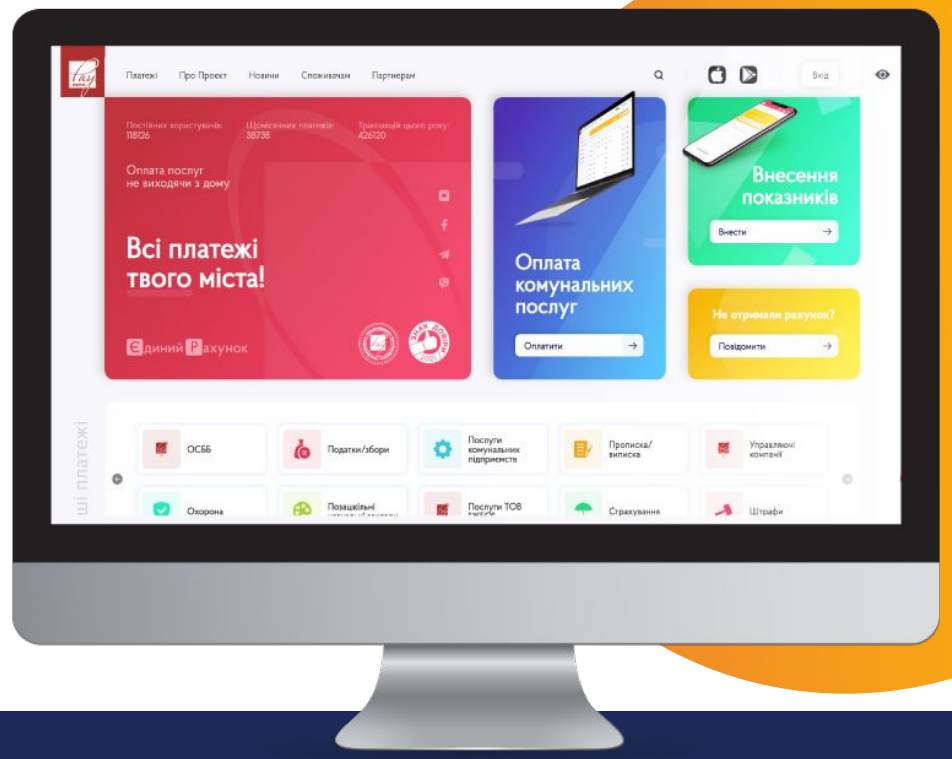
Our team was commissioned to create a web-based software solution for user-friendly information processing. The created solution includes a dynamic 3D map display, as well as web interfaces for the editors at Radio and Television Moskva24.

Client: City of Moscow



Ukraine - Pay.vn.ua

The city of Vinnitsa, with a population of more than 650,000, is a major regional center and one of the most innovative cities in Ukraine. As part of the modernization measures taking place throughout Ukraine, the processing of payments for municipal housing and related services should be drastically simplified and made more convenient for residents.



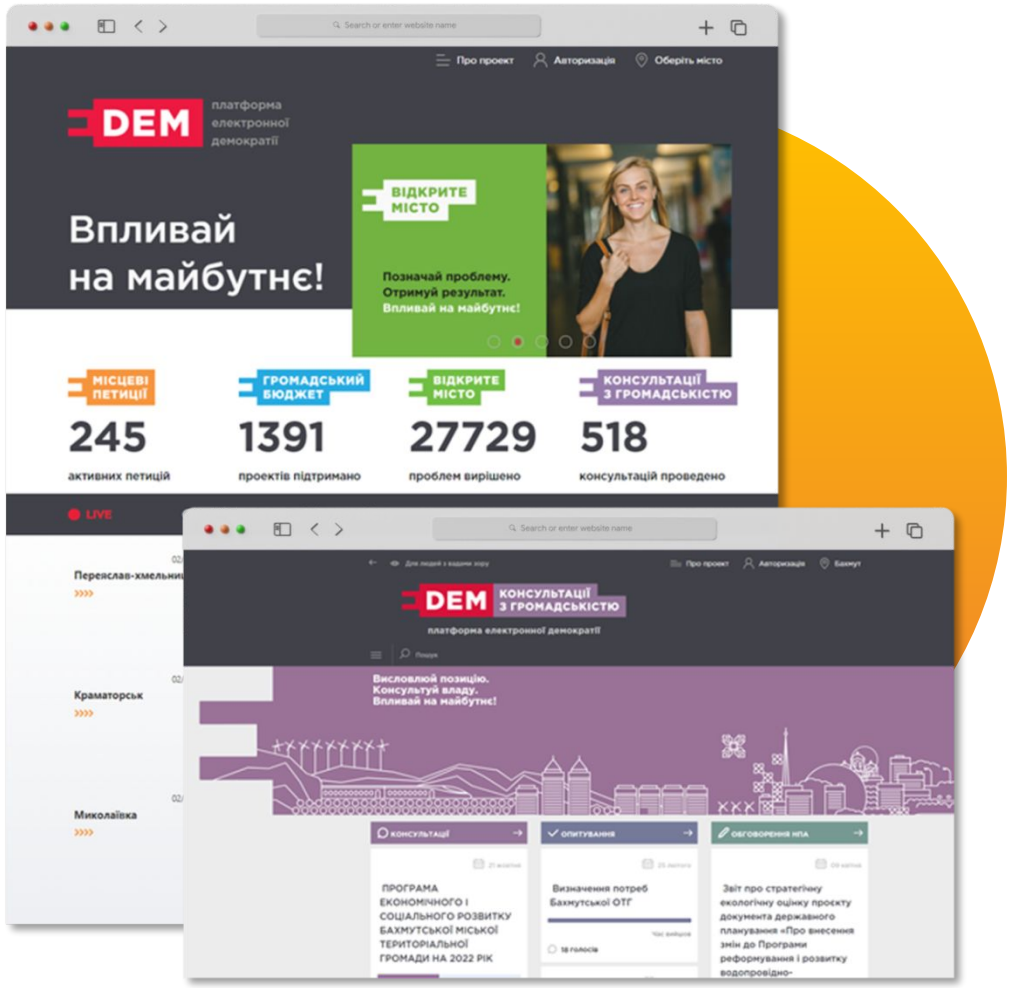
Client: City of Vinnitsa

Vue.js, postgresql, rails, leaflet

www.pay.vn.ua

Our team of experienced IT specialists was able to integrate more than 350 service providers with 14 payment service providers into one system as part of this project and create a central web-based platform for users to process all payments.

E-Democracy Platform



www.e-dem.ua

As part of the reform processes in Ukraine since 2014, the requirements for transparent government work have been redefined. The budget, legislation and decisions on government projects should be disclosed and made controllable for the public.

For this purpose, our team was commissioned to create a so-called e-democracy platform with the sub-services: petitions, budget, open city and consultations. Today, the platform enables direct participation of citizens in the political processes and direct contact with the relevant government bodies.

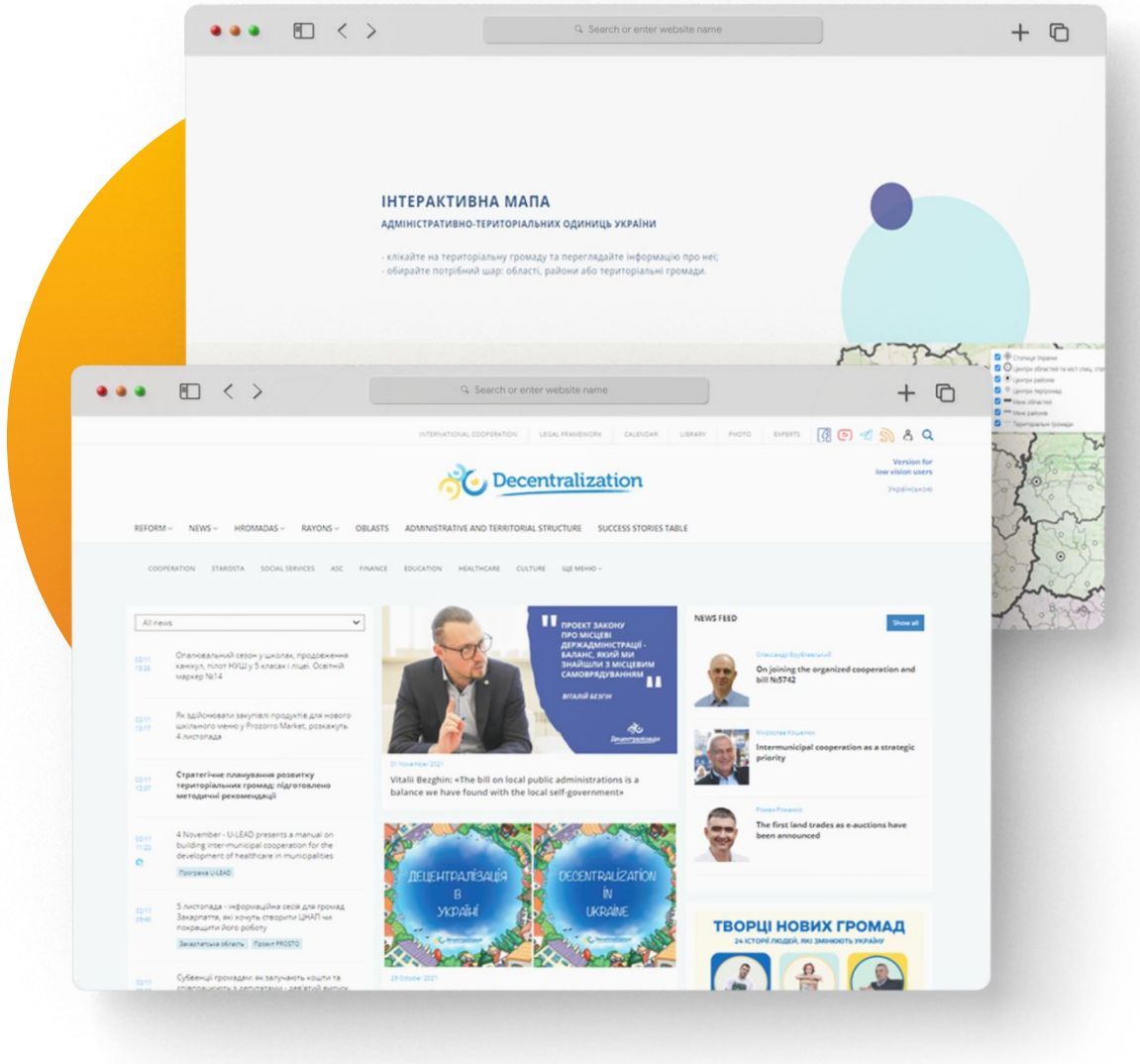
Client: Eastern Europe Foundation

Vue.js, postgresql, rails

Decentralization

Ukraine has been undergoing an extensive restructuring and reform process since 2014. A central component of this process is the decentralization of political decision-making processes from the central government in Kyiv to the regional administrations.

Our team was commissioned by the government to create a comprehensive information platform that supports citizens in this process and transparently presents the new decision-making structures. Today, more than 10,000 citizens access the platform every day.



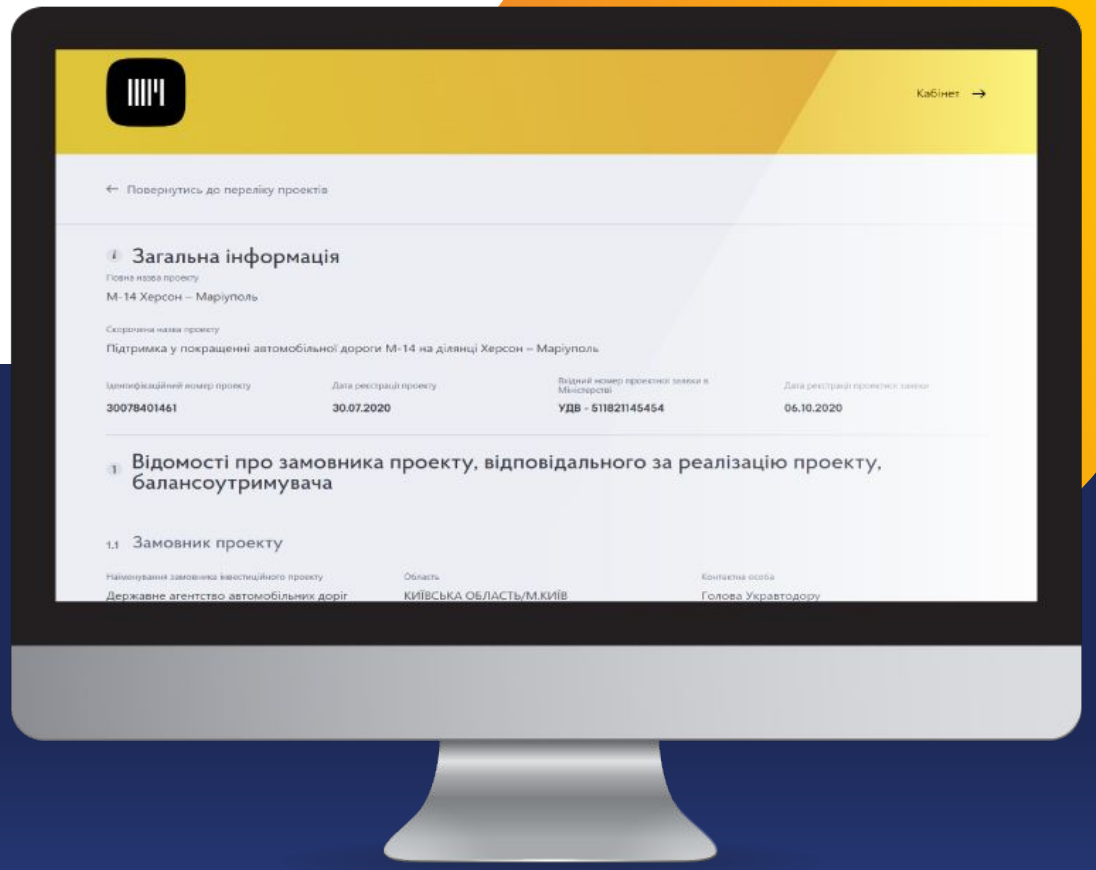
Client: GIZ Germany

Vue.js, postgresql, rails

www.decentralization.gov.ua

Project Register Portal

During the preparation of the National Transport Master Plan for Ukraine, the need to implement a central platform for all transport infrastructure projects became clear.



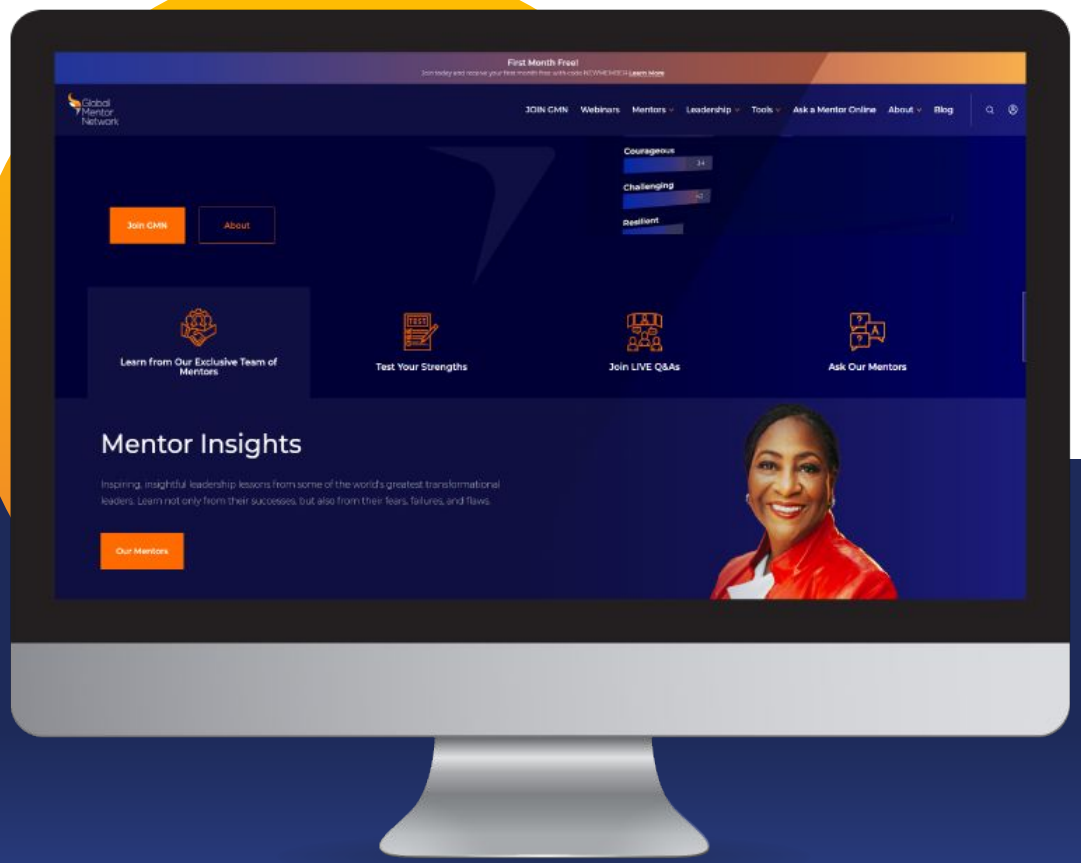
Our team of experts was tasked with developing a web-based platform to integrate all stakeholders involved, such as ministries of transport, finance and construction, as well as road construction authorities, railroads, port authorities, etc., to maintain all planned and ongoing projects in it and to map the decision-making process from idea to realization with all stakeholders involved.

Client: Infrastructure Ministry Ukraine

Vue.js, postgresql, rails

Global Mentor Network

Vue.js, postgresql, rails



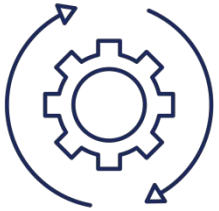
Aspiring leaders know that mentorship is the best way to learn leadership. But it's hard to find good mentors. Experienced leaders have a lot of knowledge and experience to share, but one-on-one mentoring is time-consuming and has limited impact. That's why Global Mentor Network was founded.

Our team was commissioned to create the central web application for the Global Mentor Network. The application provides information, introduces the mentors and offers direct contact channels.

Advantages

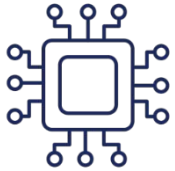
How do we stand out?

- Mature, international and professional team with experience in making complex decisions and applications



- Full cycle – analysis / architecture / development / support

Build a long-term partnership



- Using of advanced technologies

- Strong experience in fintech and billing

- Agile & individual approach to each project