Tsybulya Denis

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- ◆ **Site-portfolio:** http://geo.emisdb.ru
- ◆ Registered as an individual entrepreneur in Georgia

Specialization and experience:
- ◆ Senior software developer
- ◆ Web programmer, web application developer
- ◆ 27 years of experience as a programmer
- ◆ 17 years of experience in web development
- ◆ Experience in developing projects completely independently

Technical skills

Backend	PHP, JavaScript, Typescript (17 years)
Frontend	HTML, CSS (27 years), Vue.js, Nuxt (4 years), jQuery (12 years), Bootstrap (12 years), Tailwind, webpack, npm, vite
Frameworks, CMS	Laravel (5 years), Yii (10 years), Yii2 (8 years), Symfony (3 years), Wordpress, Outsystems
Libraries, frameworks and services	Twig, Blade, Google API, Google Merchant, Yandex API, Salesforce, Google Cloud, Leadspedia, Facebook Ads, Google Ads, Bugsnag, New Relic
Technologies	RestAPI, GraphQL, Swagger, Composer, github, LAMP, Nginx, npm, Redis, Memcached, Docker, Vite/Webpack, PHPUnit, Redis, SQS, RabbitMQ, Elasticsearch,
DBMS	MySQL, SQL Server, PostgreSQL (20 лет), MongoDB, BigQuery
VCS	Git, GitHub, GitLab, BitBucket
OS	Linux, Unix, Qnx, Windows
Education	Saint-Petersburg University, Computational

	Linguistics University of Alabama, Computer Science
Certificates	Outsystems Associate Developer, 2018 г.
Foreign language	English — C2

Professional experience

Outspot (Belgium) **www.outspot.be** 05.2024 - 02.2025	**Project** Retail chain , one of the oldest web marketplaces in Europe (Belgium) (https://www.outspot.be/nl/). **Position** Senior software engineer **Tasks** - client-server microservice architecture - dozens of projects on Laravel of different versions with a robust server API - a project on native PHP using external library services - proprietary ERP system on native PHP with various functionality - a very powerful CI/CD system supported by a separate service - optimization of database operations. **Technologies** PHP, Yii, Laravel, Symfony, Vue.JS, Nuxt , Javascript, REST API, GraphQL , MySQL, Bitbucket CI/CD, Docker, Notion, Google Cloud

DaVinci 12.2023 - 03.2024	**Project** Development of ERP and CRM systems for a company in the chemical and pharmaceutical industries **Position** Solution architect and web application developer **Tasks** - Within the project, a management system for a distributed chemical production enterprise was created and launched. - The system was developed using the PHP Symfony framework as its core foundation. - I performed all roles individually: - Business analysis, task decomposition - Building the application architecture - Application development - Deployed the application and its database on the hosting provider's infrastructure. **Technologies** PHP, Symfony, Vue.JS, REST API, MySQL, Nginx, Twig, Docker, Wordpress, Git, Asana, DevOps
Neklo (USA) 05.2023 - 01.2024	**Project** Development of an Internet application for managing online advertising campaigns and tracking their performance. with computerized partner accounting systems. **Position** Senior backend developer **Tasks** - The original framework, based on the Laravel architectural model was developed from the ground up - Developed my own routing, - A set of services and a service container based on dependancy injection,

- My own set of tests, a pattern for working with sessions in Redis,
- A command system for exchanging information. A large number of integration elements based on the REST API

Technologies

PHP, Redis, Twig, JQuery, Ajax, Laravel, Leadspedia, Docker, Git, JIRA

GCN real-estate agency

02.2023 - 06.2023

Project

Development and support of an Internet application for managing real estate objects, ensuring data exchange with large trading platforms (CIAN, Yandex), integration with computerized partner accounting systems.

Position

System Architect and Web Application Developer (Custom Development)

Tasks

- Implementation and creation of an interface for an automatic mailing service (via Mailgun) and notification of clients and company employees
- Many data exchange operations with third-party services via XML feeds
- A large number of integration elements based on the REST API

Technologies

PHP, Yii, JQuery, Ajax, Vue.Js, Laravel, Wordpress , MySQL, Docker, Git, JIRA

The Invento Labs(Hungary)

07.2022 - 02.2023

Project

Web-based application for psychological help. help: https://pinga.app//

Position

Senior Fullstack developer

Tasks

- RESTful API,

- Google и Facebook SSO

Technologies

PHP, Yii, JQuery, Ajax, Vue.Js, Laravel, MySQL, Docker, Git, JIRA

Service Central (Tulsa, USA)

04.2020 - 05.2022

Project

Development of Internet CRM application for equipment repair companies: RepairQ.

Position

Senior Fullstack developer

Tasks

- Large number of integration elements based on REST API
- Connection of the Square payment system
- Development of an automatic application deployment system on a new platform
- Export-import operations of files of various formats (Excel, PDF)

Technologies

HTML, JavaScript, PHP, JQuery, Ajax, Yii Framework, Laravel, MySQL, Docker, Git, JIRA

Nash. travel

10.2019 - 05.2020

Project

Web-based application for full-scale hotel booking and property renting.

Position

Senior Fullstack developer

Tasks

- Many current tasks on developing an application for an aggregator of hotel services and rental of tourist real estate
- Development of a full-fledged MVC architecture on Yii2 for the operation of the application

Technologies

HTML, JavaScript, PHP, JQuery, Ajax, Yii 2

	Framework

Academsnab 04.2019 - 09.2019	**Project** Web-based application for corporate business control systems integration. **Position** System Architect and Web Application Developer **Tasks** • All roles from the stage of task formalization to the implementation of the application and personnel training were performed independently • A corporate accounting system was created and implemented at a trading enterprise. • The system was implemented in an Internet version. This provided access to the system for all employees of the enterprise. • The system operates as an integration module for all accounting systems of the enterprise. **Technologies** HTML, JavaScript, PHP, JQuery, Ajax, Yii 2 Framework
eSystems Nordic Oy (Finland) 04.2016 - 10.2019	**Project** Various project in the company with the use of Outsystems Platform **Position** Senior Fullstack developer **Tasks** • Senior Software Engineer work on a project to manage the energy system of Holland. • Senior Software Engineer work on a project to manage a medical enterprise • Senior Software Engineer work on a project to manage the largest tourism operator in Rovaniemi **Technologies**

	Outsystems Platform, HTML, JavaScript, JQuery, Ajax, Bootstrap 3

http://cherrytours.de/ (Germany)

10.2015 - 04.2016

Project

Web-based full-scale tourist industry informational system

Position

System Architect and Web Application Developer

Tasks

- Development of an information system for a tour operator.
- Setting tasks and formalizing assignments
- Developing architecture and selecting technologies
- Worked as a lead developer. Created the entire back office and most of the front end
- Implementation of the application

Technologies

HTML, JavaScript, PHP, JQuery, Ajax, Yii Framework , Bootstrap 3, GitHub

www.tourradar.com (Austria)

05.2015 - 10.2015

Project

Web-based full-scale tourist industry informational aggregate system development

Position

Senior Fullstack developer

Tasks

- Development of an aggregate information system for a developing tourism startup.
- Export-import operations of files of various formats (Excel, PDF)

Technologies

HTML, JavaScript, PHP, JQuery, Ajax, Codeigniter framework, Bootstrap 3, GitHub, Bitbucket

Termofit

Project

05.2014 - 05.2015	Back Office application for document flow control, finance reporting and customer service control development
	Position
	System Architect and Web Application Developer
	Tasks
	● All roles from the stage of task formalization to the implementation of the application and personnel training were performed independently
	● A corporate accounting system was created and implemented at a manufacturing enterprise. The system was implemented in an online version.
	● Corporate access to the accounting system ensured the connected work of all departments of the enterprise
	● It was especially important to ensure the work of remote (out-of-town) departments in a single system. Thanks to this, the efficiency of data entry and obtaining analytical information on the enterprise increased.
	● · Based on this development, a product was created that was offered for commercial distribution
	Technologies
	HTML, JavaScript, PHP, JQuery, Ajax, Yii Framework, GitHub

Web marketplace 2dmart 03.2014 - 12.2014	**Project**
	Development of an Internet application for QR-code trade
	Position
	System Architect and Web Application Developer
	Tasks
	● All roles from the stage of task formalization to the implementation of the application and personnel training were performed independently
	● An original Internet application for

conducting trade based on QR-code technology was created.

- Work in the back-office mode was provided for both suppliers of goods and services, and for participants providing trading platforms.
- Work with goods, points of sale, order processing, notifications by email and SMS were implemented. (the front-office of the system is represented by the 2DMart mobile application).
- The site was deployed on a test platform, using the Yii Framework, JS and JQuery, JQuery UI.
- Plugins for Wordpress and Joomla were developed

Technologies

HTML, JavaScript, PHP, JQuery, Ajax, Yii Framework, GitHub, Wordpress, Joomla

redcrosspartners (Russia, UK) 10.2013 — 01.2014	**Project** Affiliate network internet application development **Position** Senior Fullstack developer **Tasks** - All roles from the stage of task formalization to the implementation of the application and personnel training were performed independently - Based on the Post Affiliate Pro product (http://postaffiliatepro.ru/), a web application for managing affiliate programs was created: http://redcrosspartners.biz . - Operation in the back-office mode was provided for both traffic suppliers and consumers. - All functionality is provided in the back-office mode **Technologies** HTML, JavaScript, PHP, JQuery, Ajax, Yandex Map API, Google Map API, Yii Framework

Advertising Agency Elvis 12.2002 - 05.2014	**Project** Web-application for advertising company resources management: http://bb.elvispiter.ru **Position** System Architect and Web and Desktop Application Developer **Tasks** - The system based on Access 2000 was developed to operate in a multi-user mode with limited access. - In order to ensure operation in the indirect access mode, a scheme for working through a system of intermediate tables and extensive use of SQL queries was developed. - A thorough study of the company's internal procedures was carried out in advance and their formalization for implementation in the form of a computerized system. - To maintain records on funds issued for reporting, an application was developed in Visual Basic.NET for working with access to a common database. The user manual was created as an HTML document in Visual Studio.NET - The ability to present data in customizable formats of Microsoft Office applications (Excel and Word) was created - Development and implementation of a system for recording the occupancy, maintenance and profitability of advertising media sold by the enterprise - The enterprise's accounting system in the field of production and placement of advertising products of all types was improved. - A full-fledged client-server system with a shared access mechanism was implemented. - Archiving and backup mechanisms were implemented. - All roles from the task formalization stage to the application implementation and personnel training were performed independently

- An Internet application was created and implemented on the company's website to support the work of the advertising media rental department.
- Many interactive elements were created based on JS and Jquery technologies and integrations with Yandex Map API, JQuery UI.
- A website management system (administrative panel) was created and implemented
- Development and programming of a system for accounting and managing business processes in the multifaceted activities of a medium-sized advertising company.

Technologies

HTML, JavaScript, PHP, JQuery, Ajax, Yandex Map API, Google Map API, Yii Framework, IBM PC, Windows NT, MS Access 2000, Visual Basic, SQL Server

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Ecoten
02.2012 - 11.2012

Project

Development of the company's website: http://ecoten.ru/

Position

Senior Fullstack developer

Tasks

- All roles from the stage of formalizing tasks to the implementation of the application were performed independently
- The company's Internet site was created and implemented.
- The frontend was built using the 3D BeonoGlobus and JQuery UI libraries.
- The site management system (administrative panel) was created and implemented: http://ecoten.ru/

Technologies

HTML, JavaScript, PHP, JQuery, Yii Framework

| **Termofit**

12.2000 - 03.2012 | **Project**
Development and implementation of a system for accounting and operating resources of a medium-sized manufacturing enterprise. Development and implementation of a financial accounting system.

Position
System Architect and Web and Desktop Application Developer

Tasks
A system for accounting and managing enterprise resources from the phase of receipt of materials to the release of finished products was developed. A reporting system for senior management made it possible to plan production in accordance with the volume of all orders for the current period, as well as the purchase of materials and components necessary for the entire technological process. The system simultaneously kept records of warehouse balances and provided all the necessary information on current operations, income and expenses of the enterprise.
In order to avoid re-entering information, close integration with the existing accounting system at the enterprise was ensured, first implemented on FoxPro, and then on the basis of the 1C: Enterprise system.
A full-fledged ERP system was created in the Access 2002 environment using .NET technologies.
Implementation of the server part based on the Access 2003 DBMS. The client part was implemented using VB.NET tools using ADO.NET.
· Work was carried out to transfer the server part to the MS SQL Server base.
Technologies
IBM PC, Windows NT, MS Access 2000, 2002, Visual Basic, 1C:Предприятие, SQL Server, Visual Basic.NET |

Maxuma 10.2009 - 08.2010	**Project** A system for distributing ordered products by vehicles for daily delivery has been created. Vehicle route calculation. Batch issuance of documents for each vehicle (invoices, waybills, etc.). **Position** System Architect and Web and Desktop Application Developer **Tasks** ● A complete, full-fledged product has been created. ● This scalable system was implemented in the accounting systems of 4 more enterprises. ● A system for recording the receipts and expenses of the enterprise in strict accordance with weight criteria and coordination with the refrigerated storage database has been created. ● Data exchange with the database of the intermediary enterprise has been established. **Technologies** IBM PC, Windows NT, MS Access 2002, 1C:Предприятие
ATIS Association 04.2001 - 2008	**Project** Development of an air traffic control system. The system is designed for joint operation and control of various devices (radar systems, weather information systems, radio communication systems, etc.) required for tracking and controlling aircraft. The system was developed at a low level: software was developed independently to control all resources and hardware (output to a monitor, receiving information from a keyboard, mouse, various manipulators, exchanging information via an asynchronous RS-232, RS-485 adapter, receiving information from specialized equipment). The main criterion in the development of individual system modules was to ensure high reliability. An in-house system of inherited classes was developed. The system was designed to operate in a protected

memory mode. For some purposes, system interrupt handlers were replaced with their own.

Several groups worked on the project, each of which performed its own task (hardware development, software development). The work was carried out since 1995.

Position

Senior developer

Tasks

- As part of the project, I individually developed an application for complex simulation of aircraft signals for equipment testing purposes. The program was developed to work in the Windows environment using MFC technology. It worked with a multiport interface board and processed signals for 4 COM ports.
- A new air traffic control system was created for the QNX 6.1/Neutrino operating system.
- Transferring previously developed software to a new platform.
- Developing new low-level procedures and drivers for the system to work together with various devices (radar systems, weather information systems, radio communication systems, etc.) required for tracking and controlling aircraft.
- Creating a user interface and displaying graphical information in the Photon and X Windows GUI environments.
- Database management systems for UNIX systems (PostreSQL) were used to process flight plan and route data
- Development of a new aircraft tracking algorithm to expand the system's capabilities in terms of processing various signals (both active and passive)
- The new project used new technologies adopted for real-time multiprocessor systems: multithreaded programming, use of interprocess messaging, creation of custom resource managers and interrupt handler programs.

	Technologies IBM PC, MS DOS, Windows 98, Borland C++ 4.02, Visual Studio 6.0, QNX 6.1/Neutrino, Photon App Builder, сопровождающее ПО в среде: Windows 9.x, C++ VC 6.0, с использованием MFC
ARP 12.1998 - 2002	**Project** Development and implementation of an accounting system for a transportation enterprise. **Position** Leading developer **Tasks** • A system was developed based on 1C:Enterprise for operation in multi-user mode. • A system for monitoring the state of the vehicle fleet was developed in parallel. The system is implemented based on Access 2000 and is linked to the operation of the main accounting system, implemented based on 1C:Enterprise. **Technologies** IBM PC, Windows NT, MS Access 2000, Visual Basic, 1C:Предприятие, SQL Server