

KONSTANTIN VAHRUSHEV – SENIOR WEB DEVELOPER



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About ME:

- UNIX/Linux, MVC, Git, Go and Node toolset
- JavaScript, HTML 5
- CSS 2/3 toolset
- Over 10 years developing for the Internet
- Experience with Frontend/Backend
- Strong developer with wide skill set

My Strengths

Have solid experience with various technologies, persisting problem solver and researcher. Experience with various technologies web projects support.

SKILL SET

Programming languages:

Skills	Years of experience	Rating out of 10	Last date used
JavaScript	8	9	Currently in use
Angular	3	9	Currently in use
React.js	8	9	Currently in use
SQL	2	8	2021
Next.js	2	8	2024
Go	3	9	Currently in use
Node.Js	5	9	Currently in use

MS Office add-in development	1	7	2023
Chrome extension	1	8	2024
Solidity	1	8	2024
PHP	4	9	2017
.NET MVC	3	8	Currently in use
Axios	2	8	Currently in use

My Key Accomplishments

Support and development different systems for businesses, both B2B and B2C.

Development of trading platform and multi-chain crypto wallet. Managing team, providing code reviews, daily stand-ups, task assigning. Architecture development. Team members consulting.

PROJECTS

1. Medical app for women

Project description	AI app for women. Contains AI chat with context for medical advices. Cycle data for women. Journal for cycles and for notes. Knowledgebase with articles.
Tools Used	Npm, react native, jest
Responsibilities	<p>Developed and maintained a cross-platform React Native mobile application in the medical/wellness domain, focused on women's health and education.</p> <p>Designed and implemented secure client-server architecture using Supabase (PostgreSQL, Auth, Storage) with a strong focus on data protection and privacy.</p> <p>Implemented advanced Supabase security:</p> <ul style="list-style-type: none"> • Row Level Security (RLS) policies • Backend-only usage of service keys • Secure JWT-based authentication flows • Controlled access to sensitive medical data <p>Built offline-first functionality:</p>

	<ul style="list-style-type: none"> • Local caching of content • Seamless synchronization when connectivity is restored • Graceful handling of partial or missing network access • GDPR compliance <p>Strapi (Headless CMS) – Advanced Customization & Integration:</p> <ul style="list-style-type: none"> • Implemented lifecycle hooks integrated with the core AI RAG system to automate content workflows. • Customized the email plugin to trigger notifications when records are created by administrators. • Developed custom validation logic for draft creation to enforce business rules. • Built custom controllers to support batch email sending and extended API functionality. • Added jobs on Github Actions and GCP • Built a production RAG system with PostgreSQL + pgvector, implementing hybrid (BM25 + vector) search with RRF and secure LLM integration. <p>Created and optimized key application screens and flows, ensuring usability, accessibility, and performance.</p> <p>Collaborated on secure data-handling strategies aligned with medical and privacy-sensitive requirements.</p> <p>Focused on robust UX for low-connectivity scenarios, improving reliability and user trust.</p> <p>Ensured clean architecture, maintainable code, and production-ready builds for iOS and Android.</p>
Technologies	Strapi, React Native, Supabase, PostgreSQL, Strapi, Node.js, Tailwind, GCP, Github Actions, pgvector, AWS Lambda, AWS API Gateway, AWS KMS
Timespan	October 2025 – February 2026
<h2>2. Centrum AI</h2>	
Project	Developed a sophisticated AI-powered automation platform

description	backend that enables intelligent document processing, workflow automation, and agent-based task execution for enterprise clients.
Tools Used	Docker, GCP, Swagger
Responsibilities	Architected scalable microservices-based system handling complex document workflows Implemented type-safe database operations with automated query generation Built comprehensive tool registry supporting 15+ external service integrations
Technologies	Go, PostgreSQL, Chi router, Huma, Svelte
Timespan	April 2025 – October 2025

3. [Educational app for doctors- https://americanseminar.com/](https://americanseminar.com/)

Project description	App containing courses for doctors. Includes audio and video playback, bookmarks and download of media
Tools Used	Npm, git
Responsibilities	- Development of react native app from scratch - Media player integration(video, audio) - Offline mode - built-in pdf viewer
Technologies	React.js, React Native
Timespan	February 2025 – April 2025

4. [System for ship auditors- https://dashboard.artalex.tech/](https://dashboard.artalex.tech/)

Project description	Ship auditor system, multi-tenant, multi-role CRM system.
Tools Used	Npm, git, turbo, postman
Responsibilities	- Development of API using .NET and PostgreSQL - Development of browser app using Next.JS
Technologies	React.js, Next, .NET, Entity Framework, PostgreSQL,
Timespan	December 2024 – February 2025

5. Ditto Care- https://ditto.care/	
Project description	System for doctors, which helps to record and send medical consultation to AI to handle. Returns analysis data which helps doctors to fill medical docs faster
Tools Used	Npm, git, webpack,, postman
Responsibilities	<ul style="list-style-type: none"> - Adding oAuth authentication - Audio devices API integration - Development of cross platform browser and electron application - Creating API for AI interaction
Technologies	React.js, Electron, Express, Node
Timespan	October 2024 - December 2024
6. Blade Wallet - https://bladewallet.io/	
Tools Used	Npm, git, webpack
Responsibilities	Adding cross chain functionality for crypto wallet: Support of custom Capacitor plugins. Cross chain functionality: payments, management of token list, added features related to camera work. Adding cross platform features: dark/light mode for app, KYC process support inside app. Development and interaction with endpoints on Google Cloud Platform and Node.js. Development features using Vue.js frontend.
Technologies	Vue.js, Typescript, Ionic Capacitor, Google Cloud Functions, Node, web3.js, Next.js, Gin, Go
Timespan	January 2024 - July 2024
7. HR hiring tool - https://www.talentis.global/	
Tools Used	Npm, jest, git, webpack
Responsibilities	Talentis ecosystem development: Chrome extension, MS Office add-in, product main website react frontend development. Moving architecture to service worker based one for Chrome extension, working out MS add-in features with the lack of official documentation, optimizing speed of website, bundle size analysis, development of features like: interactive tutorial for users, development of oidc auth process. Backend .NET API development. AI api integration.

Technologies	React, Styled components, CSS3, Typescript, service worker, Next.js, Axios, .NET MVC(Entity framework, LINQ),Go, Gin, Gorm
Timespan	July 2021 - January 2024

8. Online Code Editor – Papillon, Unbounded network

Tools Used	Npm, git, webpack
Responsibilities	Code editor for programming languages. Adding backend compilation, Metamask interaction for webpages.
Technologies	React, Styled components, CSS3, Typescript, web3.js, Next.js, Solidity
Timespan	March 2021 – July 2021

9. Backend for payment system - <https://www.marqeta.com>

Tools Used	Npm, jest, git, webpack, lerna
Responsibilities	Frontend and backend development, pixel perfect markup, GraphQL -API endpoints creation. Improving Marqueta Api to have better facades.

Technologies	React, MobX, CSS Modules, CSS3, Node, Next, GraphQL, microfrontend
Timespan	March 2020 - March 2021

10. CRM for pharmacy company <https://www.novartis.com/>

Tools Used	Npm, jest, git, webpack
Responsibilities	Frontend and backend development
Technologies	React, Redux, CSS Modules, CSS3, themr, redux-saga, Node, MySQL, SVG, Sequelize ORM
Timespan	November 2019 – March 2020

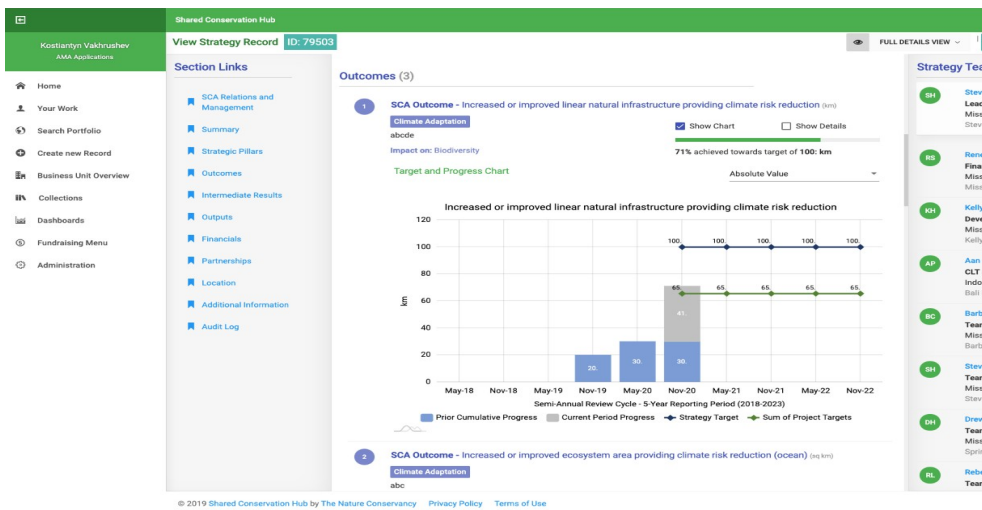
The screenshot shows a 'Phasing' dashboard for a project. On the left is a navigation menu with items like 'Study overview', 'Scenario overview', 'Define parameters', 'External costs', 'Internal costs', and 'Outputs'. The main area features a line chart showing costs from April 2020 to November 2021. The y-axis ranges from \$2.0K to \$12.0K. The chart shows a peak of approximately \$11K in late 2020. Below the chart are two tables: 'Total costs' and 'Fixed costs'. The 'Total costs' table has one entry: 'Total' from 30-MAY-2020 to 11-NOV-2021 for \$87,000. The 'Fixed costs' table has one entry: 'Fixed costs' from 30-MAY-2020 to 31-DEC-2020 for \$52,200 at 60%.

Name	Start date	End date	Fees, %	Cost, USD (\$)
Total	30-MAY-2020	11-NOV-2021		\$87,000

Name	Start date	End date	Fees, %	Cost, USD (\$)
Fixed costs	30-MAY-2020	31-DEC-2020	60%	\$52,200

11. CRM for nature conservancy company

Tools Used	Protractor, jasmine, npm, ng
Responsibilities	Frontend development
Technologies	Angular 7, Typescript, SASS, graphql, Apollo, Recharts
Timespan	March 2019 – June 2020



Hub Administration

System Permissions

Users with elevated permissions (288)

All TNC Domain Users have by default access to the Hub as 'General user', below users have additional permissions beyond this role.

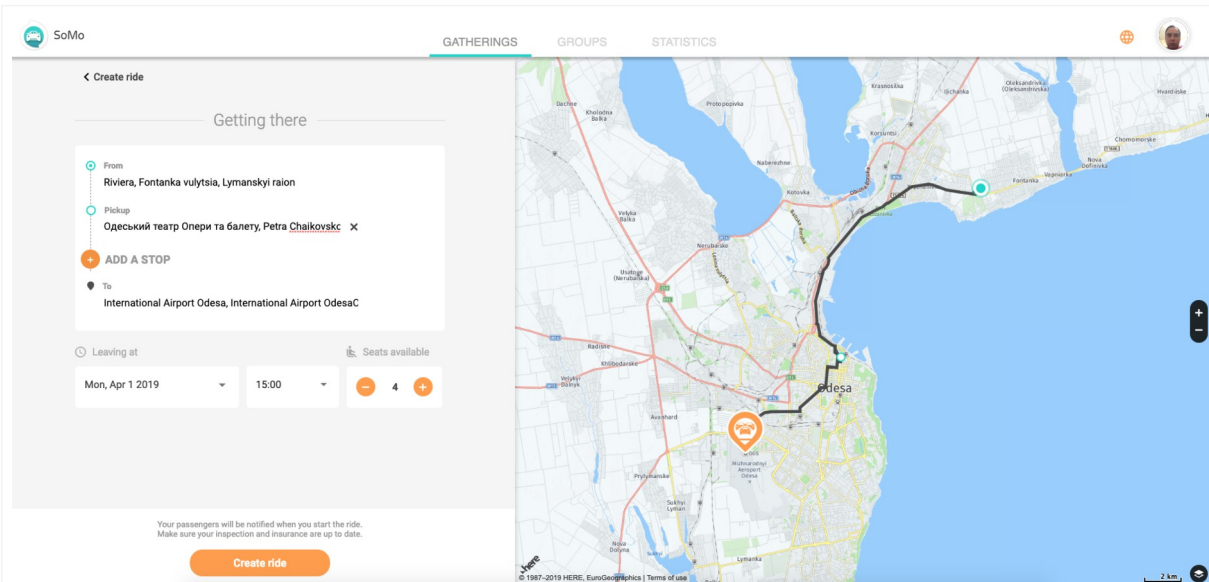
User	Additional Role(s) to General User	Blocked
Ablan dye Chief Operating Office a@mail.org	Business Administrator	<input type="checkbox"/>
Diana Albovich New York Operat Unit Operat d@mail.com	Finance Contact, Business Unit Editor	<input type="checkbox"/>
E Alex California Oper Unit Conserv e@mail.com	Business Unit Editor	<input type="checkbox"/>
Woody Allen New Jersey Oper Unit Conserv f@mail.com	Business Unit Editor, Business Unit Editor	<input type="checkbox"/>
Barbara Stralsend NA Freshwater a@mail.com	Finance Contact	<input type="checkbox"/>

Search for existing user...
 User Roles: Business Administrator (9), Business Unit Editor (329), Division Editor (4), Finance Administrator (7), Finance Contact (172), Region Editor (7)
 Lead Business Unit: Africa (AFR) (5), Alabama (AL) (2), Alaska (AK) (4), Argentina (ARG) (4), Arizona (AZ) (2), Arkansas (AR) (1), Asia Pacific Region Office (APRO) (5), Australia (AUS) (4), Brazil (BRA) (5)

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12. Car sharing app – <https://www.here.com/>

Tools Used	Protractor, jasmine, npm, ng
Responsibilities	Real-time communication, working with maps and plots
Technologies	Angular 6, Typescript, SASS, Node, Websockets
Timespan	May 2018 – February 2019



13. Admin panel for pharmacy company

Responsibilities	SVG plots containing lots of data development, highly optimized for user interaction, creating backend endpoints for data
Technologies	React, Redux, CSS Modules, CSS3, SVG, Node, Mysql, Sequelize
Timespan	15.08.2017 – 15.05.2018

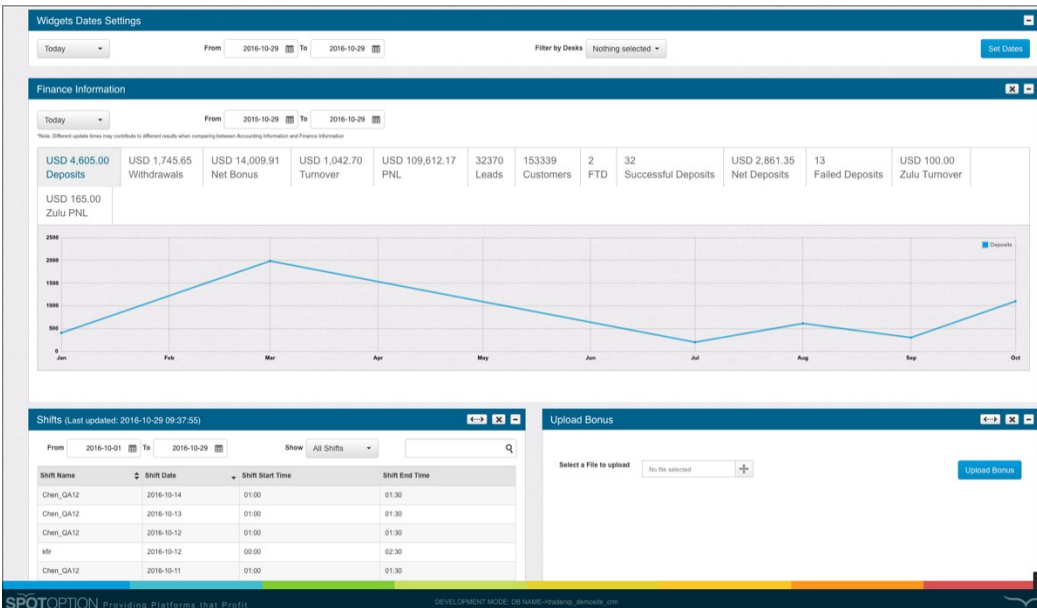


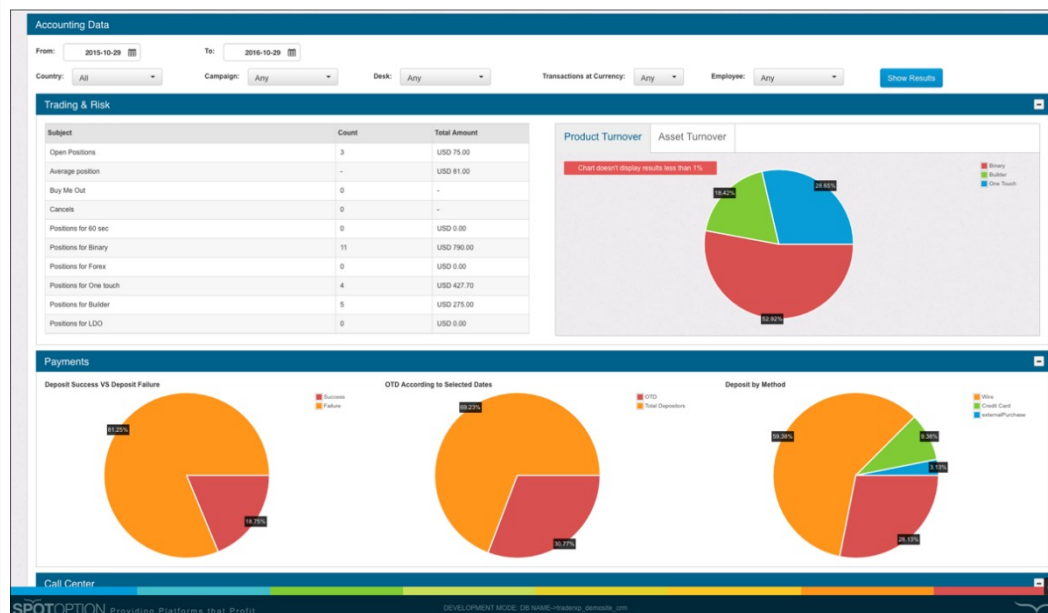
14. Client loyalty platform for Trump hotels (Scion)

Responsibilities	Frontend development, markup & JavaScript, interaction with backend team, additionally development of https://hcp.gha.com/ , system for hotels association
Technologies	Angular 4, html5, css3, RxJs
Timespan	15.11.2017 - 15.08.2017

15. SpotOption trading platform

Responsibilities	Frontend and backend development. Database optimization. Feature planning.
Technologies	Angular 1, html5, css3, Zend Framework 2, MySQL, Memcached, AWS
Timespan	15.03.2013 - 15.08.2017





16. Online SEO tool <https://sitefactor.de>

Online SEO tool with automatic ranking functionality. Ranking of sites by url, by keyword

Tools used	PHPStorm, GIT, Linux
Responsibilities	Backend development(PHP), Frontend development(Dojo). Interserver communication handling using SOAP. Creating search engines analyzer with worker processes.
Technologies	MySQL, PHP, Dojo, Bash, Ajax, JQuery, Smarty
Timespan:	1.01.2013 - 1.11.2013

17. <https://dancer.od.ua>

My business-idea and creation. Catalogue of dance classes of Odessa city. Search ability. Multimedia content uploading. This is my own website with user – generated content.

Tools used	PhpStorm, Git
Responsibilities	Idea, design and creation of the site. Content types creation, content search, user groups, design, showing content list.
Technologies	SQL, JS, Drupal, Drupal Ajax framework
Timespan	1.07.2013 - 1.08.2013

18. backend manager tool <http://yenom.nl/>

Tools Used	Sql, extJs, YII, highcharts
Responsibilities	Adding SQL queries to update time, time comparison. Import data from csv to MySQL. Adjusting frontend using ExtJS. YII project built from scratch – the goal of project to create admin panel for creation advertisement newspaper.
Technologies	YII, SQL, ExtJS, JavaScript
Timespan	1.01.2013 - 1.08.2013

19. Shape projects shape.ag

Tools Used	PHP, Java
Responsibilities	FrontEnd development and redesign. Fixing Java and PHP issues. Support of mail web interface (bigstar.shapeservices.com), creating user count according to region. Creating web hosted themes for iPhone projects. Mobile device web development. Working with REST for a new service. Facebook login.
Technologies	PHP, Java
Timespan	1.01.2012 - 1.12.2012

The screenshot displays the VNC+ website. At the top, there are navigation links for RDM+, VNC+, and TSMobiles. The main header features the VNC+ logo and the text 'Virtual Network Computing' with version information: 'v. 1.3.5 for Java phones' and 'v. 2.1.7 for BlackBerry'. Below this, a central image shows a BlackBerry phone and a Mac OS X Lion computer monitor, both displaying a lion's face. To the right, there are two columns of purchase options: one for BlackBerry (priced at \$29.95) and one for Java (priced at \$19.99). Each column has 'Purchase' and 'Download' buttons, with a 'free trial' link below. The bottom section of the page is divided into two columns. The left column lists features: 'Support of all major desktop OS and VNC server applications', 'High level of security', 'Clean and simple interface', and 'One time fee'. The right column is titled 'Your home and office get more secure' and features a 'MOBISCOPE' logo and a 'Learn more' button. The footer includes the 'shape.ag' logo and the text 'SHAPE All rights reserved.', along with links for Privacy, Terms of service, Contacts, and Help.

EDUCATION

Odessa state polytechnic university

London School of English

LANGUAGES

Ukrainian	Native
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English	Advanced
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My HOBBIES

Web security, JavaScript, opensource, basketball, blockchain technologies

My ARTICLES

[State management](#)