



# Evgenii Zhdanov

Senior Full-stack Developer

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<https://github.com/ProtoPlex>

Permit C | English (fluent), Russian  
(native), German (B1)

Experienced Senior Full-stack Developer with over 20 years in software engineering, specialized in building end-to-end web applications, AI-based and scalable cloud solutions. Expert in Node.js for backend development and React for modern frontend interfaces. Strong background in system architecture, API design, and performance optimization. Resident in Switzerland with a C-permit, fluent in English and Russian, intermediate German.

## Skills

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- **Domains:** Web applications, AI, mobile apps, scripts, distributed systems, system design and architecture
- **Programming:** TypeScript/JavaScript, Perl, C#, Bash
- **Frameworks:** Asp.Net, .Net MAUI, Mojolicious, Express.js, Nest.js, Next.js, Remix, React, React Native, Vue, Angular
- **Cloud/Platform/OS:** node.js, AWS (Lambda & Eco-system), Linux (mainly Ubuntu), MacOS
- **Databases/ORM:** MySQL, PostgreSQL, MongoDB, Redis, Memcached, SQLite, AWS DynamoDB, GraphQL, TypeORM, Prisma, .Net Entity Framework, Dapper
- **Languages:** English (business fluent), Russian (native), German (B1), French (basic)
- **Other:** NX monorepo, Git, Docker, Docker Swarm, k8s, Terraform, Varnish, nginx, jQuery, Bootstrap, Bulma, Material UI, Elastic search, Sphinx search

## Experience

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### Entrepreneur

[Telematic.Pro \(St. Gallen, Switzerland\)](#)

11/2024 - 04/2025

- Development of an AI-based CMS for Telegram channel owners. Automation of content creation and publishing, Telegram API integration, scheduling, and website parsing engines. Helps people to manage multiple channels with low effort.

Stack: JavaScript/TypeScript, Node.js, React, Remix, Refine, Nest.js, Prisma, Puppeteer, Docker, Telegram Bot API, RestAPI

### Head of Software Development [OekoTex GmbH \(Zurich, Switzerland\)](#)

08/2024 - 10/2024

- Working on an internal system for certificate management, led a team of 3 developers
- Stack: JavaScript/TypeScript, C#, .Net, GraphQL, React, RestAPI, Postgres, Azure, Docker

### Contractor

[Remote work \(St. Gallen, Switzerland\)](#)

11/2023 - 07/2024

- Development of a wholesale online ordering system for a logistics company in Kyiv.

Stack: JavaScript/TypeScript, C#, .Net, Node.js, React, Remix, RestAPI

**Senior Software Engineer**      **Crowdhouse AG (Zurich, Switzerland)**      07/2019 - 10/2023

- Centralized asset management service conceptualization, architecture, development.
- Versatile service engineering for image/document management on S3.
- Collaboration on Tax Documents Distribution app front-end design.
- Management, enhancement of React-based admin system.
- Innovative permissions management system pioneering.
- Active engagement in guilds, presentation delivery, initiative driving.

Stack: JavaScript/TypeScript, Node.js, React, Nest.js, Next.js, TypeORM, RestAPI, Terraform, AWS CloudFormation, S3, SQS, CodePipeline, CodeBuild, DynamoDB, API Gateway,, MySQL, Docker

**Senior Software Engineer**      **Haufe-umantis AG (St. Gallen, Switzerland)**      10/2014 - 06/2019

- Optimization and performance enhancement of existing software by refactoring legacy code at its core level, addressing scalability issues stemming from extensive customization through XML configuration files.
- Integral member of a rapid prototyping team, contributing to multiple HR projects for globally recognized clients such as Daimler and Nike.

Stack: JavaScript/TypeScript, Node.js, Vue, React, Next.js, Angular, Perl, Java, RestAPI, Express.js, GraphQL, Docker

**Team Lead Software Engineer**      **Gainsbook SA (Fribourg, Switzerland)**      11/2011 - 09/2014

- Invitation to Switzerland for office establishment and R&D department creation.
- Leadership as main architect and technical lead.
- Conceptualization and implementation of hotels booking system.
- Integration of payment systems (Ogone, Postfinance, BillPay, MinFraud, Carsolize) ensuring PCI DSS compliance.
- Extensive collaboration with partner developers.
- Development of online fashion shop with sophisticated CMS.
- Simultaneous role as remote technical lead for Russian developers.

Stack: C#, Javascript, Perl, MongoDB, MySQL, jQuery, SMTP, RestAPI, Redis

**Head of Software Development**      **Mediamarket Holding (Moscow, Russia)**      12/2008 - 10/2011

- Leadership as head of software development overseeing projects for a holding company with 500 employees and multiple e-commerce entities.
- Initiated as team lead developer, built and managed a robust team.
- Conceptualized, architected, and implemented one of Russia's fastest e-commerce websites with over 2 million clients.
- Developed scalable E-mail delivery system handling 400K+ personalized emails per hour using 64 IP addresses.
- Architected and developed HighLoad system for e-commerce functions including E-mail distribution, static content serving, and warehouse integration.

Stack: Unix, Perl, Catalyst, MySQL, jQuery, SMTP, SEO, memcached, varnish, XML

- Co-founder and lead developer of photo stock, creating core engine and innovative features.
- Design and creation of online photo stock with distributed storage and automatic selling process, employing Rights Managed and Royalty Free licensing.
- Invention and implementation of original color image search algorithm, achieving posterization and significant reduction in database color information.
- Batch processing of incoming images via on-the-fly FTP-server accounts, enabling asynchronous thumbnail generation, watermark application, EXIF data extraction, and color information collection.
- Development of robust CMS system for collection creation, author portfolios, image classification, and distribution.
- Establishment of protoplex.ru web portal, attracting over 50K daily visitors.
- Development of online shops: energyofsound.ru, techport.ru, duluxcolor.ru.
- Founding of iso100.ru social network for photographers.
- Creation of highres.ru photo stock platform with automated selling and distributed processing.

Stack: Perl, MySQL, Image::Magick, jQuery, SMTP, FastCGI, Unix, SEO, Marketing, nginx

## Personal projects

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- **telematic.pro** - Smart CMS for Telegram channel automation. Built in Node.js (NestJS, Prisma, MySQL) + refine.dev, remix.run with AntD + AI integration.
- **webula.ch** - Personal web-site with a blog, portfolio and additional information about me and my activity. Built in next.js + graphql & strapi as a headless CMS.
- **protoplex.ru** - News portal with automatic content generation and news generation & parsing engine. Built in Node.js (NestJS, Prisma, MySQL) + refine.dev, remix.run with AntD + AI integration.
- **<https://youtube.com/@itsecrets>** (2023 - present time): Creator of a technology-focused YouTube channel since 2023, covering software development, AI, and IT trends. Responsible for all aspects from animation to video editing, utilizing AI tools, CapCut, and Final Cut Pro.
- **supersnimki.ru**: Social network for photographers since 2013. Utilized Perl with Mojolicious framework, MySQL, MongoDB, Memcached, Redis, and jQuery.

## Education

- 1998-2002, Bachelor of Oil & Gas technology, Russian State University of Oil and Gas, Moscow, Russia Federation

## Interests

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Programming, video editing, animation movies making, guitar playing, photography, drawing, skiing, hiking, reading