







Igor A. Mikheev

Frontend/Fullstack Web Developer

(React, Nextjs, Django, Flask)

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I am a Fullstack Web Developer with over 8 years of commercial development experience, specializing in JavaScript/TypeScript (React, NextJS, NodeJS) and Python (Django, Flask).

Skilled in building a wide range of web applications, from complex dynamic systems to static landing pages, including embedded browser applications, using modern adaptive layout in accordance with the mobile-first principle.

I am proficient in modern interface creation technologies such as React/NextJS with MobX or Redux, TypeScript and CSS frameworks, including TailwindCSS, Bootstrap and MUI.

I have experience developing backend software using Python (Flask, Django), Next.js or Express, as well as outdated PHP projects. I work with Maria/MySQL, Postgres, Mongo databases, as well as with ORM solutions like Django models, Prisma, or similar.

From 2016 to 2023, I participated in complex projects in the field of GIS and IoT. Recently expanding expertise into mobile app development with Flutter.

Based in GMT+3, Russian native speaker with B2-level English proficiency, open to relocation.

WORK EXPERIENCE

Full-stack Web Developer

lilliputten.com

Apr 2024 – Present | Self-Employed, Freelance

Responsibilities:

- Full-stack and frontend web application development for various clients (from Upwork, Kwork, my own ones, from partners), with JavaScript, TypeScript, Node.js, Python, React, Next.js, Django, Flask, 11ty, etc.

Achievements:

- I have successfully implemented a number of projects of various levels of complexity (including full-stack ones), expanded my client base and strengthened my professional reputation due to excellent work results.

Frontend Developer

Départ de Sentier (DdS), Switzerland

Aug 2023 - Apr 2024 | Contract Work, Remote

Responsibilities:

- Improved UI/UX for sustainability data applications.
- Developed advanced data visualization tools (React, Plotly, Svelte, react-flow).
- Participation in the creation of a Django application for managing membership and registration for DdS public events.

Achievements:

- Delivered innovative data visualization solutions (Sankey diagrams, interactive editors), enhancing stakeholder decision-making.
- Integrated Stripe payments and automated PDF invoicing, streamlining event management.

Frontend Web Developer

360caster.com

Feb 2023 – Aug 2023 | Remote

Responsibilities:

- Designed brand identity, mockups (Figma) and UI (Next.js) for a VR platform enabling interactive 3D tours.
- Create an MVP with support for live chat, audio/video communication, recording/replaying tour scenarios.

Achievements:

- Delivered a fully functional MVP, enabling immersive virtual tours and live guide interaction.
- Created a bright brand and marketing materials (landing page, brandbook), which would attract users.

Frontend Web Developer

Steor LLC, St. Petersburg, Russia

Feb 2022 – Jan 2023 | Remote

Responsibilities:

- Enhanced project infrastructure (CI/CD, code quality automation).
- Research and implementation of service workers for performance-critical offline data processing in marine navigation systems.

Achievements:

- Automated code quality checks, increasing team productivity and codebase reliability.
- Boosted application performance through innovative use of service workers for background data processing.

Frontend/Fullstack Web Developer

PrintXPert (ARTI development division), Moscow, Russia

Mar 2019 – Sep 2021 | Offline, Full-time

Responsibilities:

- Developed embedded interfaces for new device types with non-standard JavaScript environments.
- Created and maintained a custom Express/Node.js server for device integration and real-time logging.
- Participation in hardware research (experiments with card readers, studying the features of embedded browsers, debugging hardware in customer networks, a system for collecting logs from remote devices).
- Development of a modern interface for the web version of the administration application (React).

Achievements:

- Enabled integration of new, cost-effective devices into customer workflows by overcoming undocumented platform constraints.
- Streamlined development and support with a real-time logging/monitoring system, reducing debugging time and improving reliability.

Frontend Web Developer

Axiomica.com

Aug 2018 – Nov 2018 | Offline, Full-time

Responsibilities:

- Co-founded a startup, designing MVP for survey and data collection.
- Developed application mockups (Adobe XD) and prototypes using both established (i-bem/bem-xjst) and modern (React, TypeScript, MUI) stacks.

Achievements:

- Delivered interactive prototypes and a comprehensive design system, laying the groundwork for a scalable SaaS platform.

Frontend/Fullstack Web Developer

Engineering Bureau «Vektor», Moscow, Russia

Mar 2016 – Aug 2018 | Offline, Full-time

Responsibilities:

- Led frontend development for hardware integration GIS-monitoring software and its customizations for particular clients.
- Designed and implemented a modern SPA architecture, including a custom pages manager, advanced caching, and legacy browser support.
- Developed a dynamic, extensible UI (map toolbars, menus, messaging, reporting, map objects generalization).
- Contributed to backend PHP middleware and custom reporting system.

Achievements:

- Launched a new flagship application with a modern UI, significantly enhancing client engagement.
- Engineered an innovative reporting system using i-bem, enabling rapid creation and customization of reports.
- Built a sophisticated cartographic visualization module, delivering advanced features (clustering, collision resolution, route control) that exceeded industry standards.