

Igor A. Mikheev

Frontend/Full-stack Web Developer

(React, Nextjs, Django, Flask)

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I am a Full-stack Web Developer with over 8 years of commercial development experience, currently 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.

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

Have experience developing backend software using Python (Flask, Django), Next.js or Express, as well as outdated PHP projects.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, study Spanish, open to relocation.

WORK EXPERIENCE

Full-stack Web Developer

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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 Web 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).
- Participated 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/Full-stack 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/Full-stack Web Developer

Engineering Bureau «Vektor», Moscow, Russia

Mar 2016 – Aug 2018 | Offline, Full-time

Responsibilities:

- Led the development of the interface part for hardware integration of GIS monitoring software and its customization for specific 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.