

Yurii Petrovskiy

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Profile

My 12-year career in the oil and gas sector has provided me with advanced skills in analysis, planning, and precision calculations. Now transitioning into web development, I combine my passion for learning and logical thinking to deliver efficient and scalable web applications.

Key Skills

Technical

- Languages: JavaScript, TypeScript, Python, PHP, Node.js, HTML5, CSS3
- Frameworks & Libraries: React, Redux, jQuery, Bootstrap, Tailwind, Next.js, Express.js, Jest, RTL, Cypress, Storybook.
- Databases: PostgreSQL, MySQL, Supabase.
- CI/CD Tools: Docker, GitHub Actions, Command Line.
- Tools: Git, Figma, Adobe Photoshop, Remote API Access.

Core Competencies

- Developing scalable web applications with modular architecture.
- Writing and maintaining automated testing pipelines.
- Optimizing and migrating multiple database types.
- Managing version control systems using Git.
- Owning code from design to production.
- Collaborating in agile, cross-functional teams.
- Enhancing workflows to improve operational efficiency.

Work Experience

[Kindly Project](#), UK London

Full Stack Developer (Volunteer)

Apr 2024 – Present

- Designed and implemented React web application user interface.
- Developed a comprehensive suite of end-to-end tests.
- Optimised database performance.
- Improved user interface consistency and documentation.
- Collaborated in a dynamic, open-minded team environment.
- Used technologies: TypeScript, React, NextJS, Supabase, Docker, Cypress, Tailwind.

[Ukrnafta](#), Ukraine

Geologist Engineer

Jan 2018 – Oct 2022

- Responsible for eight oil fields, comprising more than 400 oil wells.
- Created production plans and enhanced operational efficiency.
- Held daily technical meetings to address production issues.
- Conducted daily analysis of well performance to identify optimization opportunities.
- Created and implemented daily production reports, including well performance analysis.
- Collaborated across departments to resolve production challenges, develop strategic plans.

[Ukrnafta](#), Ukraine

Utility Surveyor

Jul 2014 – Jan 2018

- Performed surveys of land, buildings, power lines and pipelines.
- Conducted terrain and infrastructure surveys using a digital theodolite.
- Processed geodetic data in Digitals to create maps and relief simulations.

- Integrated satellite imagery, orthophotos, and scanned maps for enhanced accuracy.
- Performed geospatial data analysis and object searches by coordinates.

Ukrnafta, Ukraine
Oil Rig Operator

Oct 2011 – Jul 2014

- Operated and maintained approximately 40 oil wells, ensuring efficiency and reliability.
- Prepared wells for research and technical operations.
- Documented production activities and analysed automated system performance.

Ukrnafta, Ukraine
Control and Automation Technician

Sep 2010 – Oct 2011

- Maintained and calibrated automation systems, including oil heater control devices.
- Repaired and adjusted manometers and gas equipment.
- Installed and configured measurement and control electronics.

Education and Training

2023 – 2024: IT Career Switch Ltd

Full Stack Developer Traineeship (intensive, practical one-year program)

- Completed two projects from scratch and to specification - providing hands-on development experience with front and back end languages and databases.
- Developed a Gazetteer app with APIs for country data and interactive maps.
- Built a Company Directory app with CRUD operations and MySQL integration.
- Implemented REST APIs, AJAX, and secure server-side validation.
- Used technologies: HTML, CSS (Bootstrap), JavaScript, PHP, jQuery, MySQL, Leaflet.js.

2023 – 2024: British Council

English Language Course - attended 100 classes of an English language course.

2023: Standguide Group - Online ESOL and Employability Course.

2007 – 2008: Specialist Diploma – Geophysics, Ivano-Frankivsk National University, Ukraine.

2003 – 2007: BSc Geology, Ivano-Frankivsk National University, Ukraine.

Certifications

2023 – 2024: Full-Stack Engineer | Learn PHP Skill Path | Python 3

2023 – 2024: Advanced React Course | Redux Course | Learn Bootstrap Course | jQuery

Achievements

Ukrnafta, Ukraine

- **2020:** Received a certificate of appreciation for long-term diligent service and substantial accomplishments in professional activities.
- **2016:** Awarded a certificate of recognition by the Chairman of the Board of Ukrnafta for significant achievements in work and professional excellence.

Languages

Ukrainian (Native) | English (Upper-Intermediate) | Russian (Fluent)