

Anatolii Polishchuk

Elixir developer

Contacts

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Summary

Elixir Developer with 8+ years in backend and full-stack development, specializing in high-performance web applications and distributed systems. Experienced in Elixir, Phoenix, Phoenix LiveView, PostgreSQL, monolith and microservices architecture. Passionate about optimizing system performance, improving developer efficiency, and mentoring junior engineers. Adept at collaborating with cross-functional teams in Agile environments to deliver scalable and resilient software solutions.

Skills

Programming Languages: Elixir, Erlang, Ruby, JavaScript, TypeScript, PHP, SQL

Frameworks: Phoenix, Phoenix LiveView, Ruby on Rails, React, Node.js

Databases: PostgreSQL, MySQL, SQLite, Elasticsearch, Redis, MongoDB

Web: HTML, CSS, REST, ES6

DevOps & Tools: Git, Github, GitLab, CI/CD, Docker, Kubernetes, Nginx, Slack, Redux, API

TDD Frameworks: ExUnit, Rspec, UnitTest

Methodologies: Agile, Scrum, Kanban

Languages: English - professional, Ukrainian - native

Professional Experience

Elixir Teacher/Mentor - Introduct Group Academy

02/2024 – 02/2025

Project: IT-academy for preparing **12 elixir developers** for junior roles at **YOLO Group** during a year.

Achievements:

- Trained **30+ students**, resulting in **6 job placements before course completion**.
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- Developed a structured **evaluation system** to identify top-performing candidates and encouraged the **top 5 students to mentor others**.
- Collaborated with stakeholders to **refine and enhance the training program**, aligning it with industry needs.
- Integrated **microservices, Protobuf, and gRPC** to provide **hands-on experience with real-world systems**.
- Authored weekly technical articles, bridging communication between students, management, and clients to ensure alignment on key technical concepts and project expectations.

Technologies: Elixir, Phoenix, Phoenix LiveView, PostgreSQL, Ecto, Oban, Protobuf, gRPC, microservices.

Senior Software Engineer - RIA.com Group

12/2020 – 12/2023

Project: Autocentr Marketplace is an online platform for selling new cars, where sales managers from **AUTO.RIA** assist **customers** in purchasing **new vehicles**.

Achievements:

- Led migration to a **new domain**, successfully separating it from the **core project** and streamlining maintenance.
- Integrated **Creatio CRM**, optimizing **form handling** and improving **efficiency with ChatGPT**.

Project: New Auto is a web marketplace for new cars.

Achievements:

- Integrated **background jobs (crons)** for triggers and **email notifications**, which **increase** the number of **target calls**.
- Implemented a **user subscription system** based on search parameters, which helped with engagement and user return to the platform, which ultimately led to an **increase in leads**
- Implemented **phone click tracking**, providing valuable insights for **the sales team's conversion strategies**.
- Started **project documentation** and wrote **unit** and **integration tests** to ensure robust **backend functionality**.
- Improved **page loading speed** for better ranking in **Google**

Project: Autoservice - a platform for advertising auto repair shops.

Achievements:

- Rewrote and redesigned the legacy project from scratch, leading to better website performance and usability.
- Redesigned the **core database architecture** using **Ecto**, enhancing **query performance** and optimizing **data retrieval**.
- Developed and optimized key features for multiple pages, including the **main page, catalog, search, and user creation forms**.

Junior/Middle Software Engineer - RIA.com Group

03/2017 – 12/2020

Project: Auto disassembly - a platform for advertising auto disassembly shops.

Achievements:

- Created a **cabinet account page** for users to track **fund movements**.
- **Developed and implemented a new search system** using auto parts cards and their associated parts groups.
- Improved **page loading speed** for better ranking in **Google**
- Implemented **relinking** to improve **SEO**

Technologies: Elixir, Phoenix, Ecto, React, TypeScript, Elasticsearch, MySQL, RESTful API, Nginx, Creatio.

Junior Software Engineer - Digital Crafters

08/2014 – 12/2016

Projects: Different small projects, from a business card website for advertising weekend events to advertising cooking in a shopping mall.

Achievements:

- Developed **Ruby on Rails applications** for e-commerce platforms.
- Worked on **database management** with **PostgreSQL**.

- Worked with **RESTful APIs** and **front-end integration**.
- Optimized SQL queries for **faster database performance**.

Technologies: Ruby on Rails, JavaScript, jQuery, PostgreSQL, CSS

Higher Education and Courses

Master's Degree in Construction Engineering, Vinnytsia National Technical University

GDPR Data Privacy Awareness (GDPR Aware)

Elixir & OTP (The Pragmatic Studio)

Phoenix LiveView (The Pragmatic Studio)

CS50 Introduction to Computer Science (Harvard University)

IT Pro English B2 (Solid English School)