FEDOT SEREOJA *Fullstack / Backend Engineer*

◉ Bucharest, Romania   🔗 https://www.linkedin.com/in/fedotserghei/   ◉ https://github.com/Fed0t

✉ fedot@live.com   📞 +40 (0746) 367 536

💼 PROFESSIONAL EXPERIENCE

Senior Fullstack Engineer, *STELLARCHAIN.IO - SW COMPANY* 🔗   05.2023 – present
Constanta, Romania

Technology used:
PHP, Laravel Framework, Symfony Framework, PostgreSQL, MySQL, Redis, Blockchain, Stellar Blockchain, Linux, Rust, VueJS, Docker.

Responsibilities:
- Tracked the value of Stellar virtual currency (XLM), smart contracts, assets, live transactions, exchange rates from BTC/USD, and charts on link stellarchain.io.
- Integrated exploration of smart contracts (Soroban Stellar).
- Developed Market section, monitoring assets payments, and values.
- Maintain blockchain archive node with over 10TB of data for statistics queries.

Senior Backend Engineer, *IQOS CLUB - GRAPEFRUIT COMPANY* 🔗   07.2022 – 05.2023
Bucharest, Romania

Technology used:
PHP, Laravel Framework, Figma, jQuery, PostgreSQL, Horizon Laravel, Redis, SonarQube, Ubuntu, Docker.

Responsibilities:
- Developed backend code for new features with agile methodology in Laravel Framework.
- Queue Processing.
- Eloquent ORM.
- Developed CODPM.ro - Philip Morris IQOS Heets campaigns with SMS codes and rewarding system. Infrastructure on DigitalOcean Cloud.

Senior Fullstack Engineer, *STREAMS.LIVE - OVEIT COMPANY* 🔗   03.2020 – 07.2022
Bucharest, Romania

Technology used:
Postgresql Cluster, Redis, Kubernetes, PHP (Lumen Framework), Python, Janus Gateway WebRTC Server, Nginx, Docker, Jenkins, Grafana + Prometheus, Ubuntu
RTMP, Web3js (Blockchain client).

Responsabilities:
Backend, Devops and High Availability
- Set up Redis Cluster for Caching and performance improvements.
- Set up Jenkins for automation of Devops pipelines.
- Used Git Release branching strategy for the project.
- Set up Selenium Server for automation testing of streaming delivery and different measurements.
- Built WebRTC Infrastructure for high scalability under Kubernetes Cluster.
- Contributed to Janus-Cloud Python project by creating a Backup Manager.
- Monitored Performance with Grafana and Prometheus.
- Architecting RestAPI in Lumen PHP Framework.
- Implemented third-party RTMP services for high delivery.
- Dockerized all Microservices with docker-compose for developers' local environment and for Kubernetes for High Availability.
- Set up CDN from DigitalOcean using "Spaces" service for different assets.
- Used DigitalOcean Load-Balancers to spread the traffic using Sticky Sessions.
- Configured PostgreSQL Cluster on DigitalOcean cloud using "transaction" connection pool mode.

- Architected Database UML database diagram scheme.
- Implemented NodeJs Web3js for Ethereum smart contracts (marketplace contract for products that sells from live stream).

 Frontend
- Implemented design based on approved AdobeXd wireframes.
- Worked with multiple frontend libraries combined with ReactJs (React Router, Redux, Redux-Persist, Redux-Saga).
- Built ReactJS components with ReactJs frameworks (Semantic Ui, Material Ui).
- Integrated component error boundaries strategically when necessary.
- Applied best practices via ReactJs concepts.

Medium-Senior Fullstack Engineer, *SEOMONITOR - SEOMONITOR* 🔗

Technology used:
PHP, Laravel Framework, Bootstrap Framework, Javascript, PostgreSQL, RabbitMQ, Redis, DataTablesJs, Vagrant.

Responsabilities:
Backend and Devops Operations
- Managed multiple UNIX virtual servers from Hetzner cloud with Ansible automation tool.
- Set up PostgreSQL and Redis servers through Ansible.
- Worked with the technical leader to manage complex software design features.
- Responsible for automation processing and updating of SEO data using RabbitMQ.
- Maintained Baro.io and Smartan.ai projects.
- Set up Nginx for proxy load balancing services.
- Developed Database UML diagrams and the entire DB scheme.

Frontend
- Cooperated with UI designer to create clean interfaces and simple, intuitive interactions and experiences.
- Worked with Bootstrap CSS framework to build organized interfaces with jQuery.
- Implemented new features on the current platform like ordering the list of boosts and clients.

Medium Fullstack Engineer, *PREMIUM ENTERTAINMENT COMPANY* 🔗
2015 – 2018
Bucharest, Romania

Technology used:
PHP, Lumen Framework, React Native Framework, Redis, MySQL, Push Notifications, XCode/AppStore, Vagrant.

Responsabilities:
Backend and Developer Operations
- Maintain the Dedicated Private Server (CentOS) and provision it with different technologies,drivers and packages as needed *(ZeroMQ, Redis, phpize new php versions .so files for using it with pub-sub zeromq)*
- Responsible for implementing and maintaining websockets microservices used for webchat.
- Implemented PHP backend.
- Develop Lumen RestAPI backend for React Native Application Interface.

Frontend
- Upgraded some elements from pages to ReactJS components using injection method for performance improvement of backend code.
- Responsible for implementing Websocket Live Chat (Mobile App + Browser Chat) in ReactJS.
- Developed React Native Application components that replicate all functionalities of current browser based application.

Junior Fullstack Engineer, *SEOMAXIM COMPANY*   2013 – 2014
Technology used: Bucuresti, Romania
PHP, HTML, CSS, Apache Webserver, cPanel, phpMyAdmin.

Responsabilities:
- Develop HTML/CSS templates for different presentation websites with Bootstrap CSS framework.
- Develop CSS/HTML templates from ground up following Photoshop Design.
- Implementing small backend code in PHP for different pages (ex. Contact, Subscribe To etc.)
- Fixing some Python/PHP function for monolithical websites.

Junior Fullstack Engineer, *GPSMAPS.RO - GPSMAPS COMPANY* 🔗   2012 – 2013
Technology used: Bucharest, Romania
PHP, Perl, Javascript, HTML, CSS, Linux.

Responsabilities:
- Build small scripts in Perl language and PHP to parse and clean data from large text files, with some given rules in the process of building image frames from 1x to 9x zoom for internal map used in transportation.
- Scan and parse ton of images and apply different filters or some branding logo and scan files for changing colors or names or remove some elements.

🧠 TECHNICAL SKILLS

Programming Languages
PHP, NodeJs / Javascript, Python

Frontend Frameworks
ReactJS, VueJS(low), CSS/LESS, HTML5, jQuery

Linux/Unix
Command line efficiency, System administration, Bash, Networking, File systems

Backend Frameworks
Laravel, Symfony, Django

Storages
PostgreSQL, MySQL, Redis, Elasticsearch, NoSQL databases

DevOps
Jenkins, Docker, CI/CD, Linux, Portainer, AWS, CAP Theorem, Neovim

🎓 EDUCATION

University Spiru Haret, *Computer science*   2008 – 2011
Data structures, Algorithms, Data representation, Network communication   Bucharest, Romania
protocols, Operating systems

High School Henri Coanda, *Medium Programmer*   2004 – 2008
C++ (6 hours per week)learning algorithms and language syntax and control Bucharest, Romania
structure (switch, if, while), pseudocode, Oracle Databases (SQL), Web
Technologies (HTML, CSS)

🏅 CERTIFICATES

Cisco Linux Tier 1 — Level 1, **Certified Medium Programmer - High School Diploma** — C++ 8

🌐 LANGUAGES

Romanian   **English**   **Russian**
Native   Fluent   Fluent

📂 LATEST PROJECTS

Graffika.org 🔗
Technology used:
ReactJs, Laravel + Laravel Backpack Admin, Figma.

Signage illumination company website.

Veelancing Blockchain Marketplace 🔗   07.2019 − 05.2020
Technology used:
Python, Django Framework, ReactJS, Redis, NextJS, Envoy, Blockchain Ethereum, Docker.

VBR Network is a decentralized marketplace for freelancers all over the world, based on Blockchain Technology.

We bring a new fresh perspective, where the platform is owned by the community, changes voted by the community.

Graffika.org 🔗
Technology used:
ReactJs, Laravel + Laravel Backpack Admin, Figma.

Signage illumination company website.