Oleg Pryadko

15+ yrs Full-Stack, Backend & Systems Engineer | Linux, Web, Containers | Python Expert

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15+ years building systems that hold up when stakes are high. From enterprise security to slot machines to e-commerce, I've written code that performs under pressure and works in the real world.

EXPERIENCE

Career Break for Travel
Nov 2024 - March 2025

Now back in town and actively seeking a software engineering role.

Remediant (now part of Netwrix)
May 2019 – Aug 2024

Senior Software Engineer (full-time, remote)

Note: Remediant was a startup, acquired by Netwrix Corporation on Dec 2022.

Worked as part of a high level, agile team to develop and support a disruptive enterprise security platform (PAM) used by Fortune 500s.

- Designed scalable simulator for 100,000+ production endpoints, **speeding up workflows by up to 10x** and helping retain key customers.
- Created custom automated test frameworks that **nearly eliminated regressions** and reduced new bugs in covered code.
- Designed a framework that allowed **new integrations in as little as 2 weeks.**

Tech: Docker microservices, Python, Node.js, MongoDB, Linux, and more.

Casinfo Systems, Gaming Tech. Group
Sep 2011 - May 2019

Lead & Senior Developer (part-time contract, remote, concurrent with consulting below)

Developed a certified player rewards system for slot machines.

- Became the lead developer for a proprietary **ERP similar to Django**.
- Designed responsive, centrally-managed **touchscreen interfaces**.
- Developed **data models**, **admin UIs**, **internal frameworks**, and more

Tech: Python, PostgreSQL, Linux, embedded, networking, and more.

Oleg Pryadko Development
Sep 2008 - May 2019

Owner/ Lead Developer

Provided web and software development for dozens of small businesses.

- Built **dozens** of **websites**, **online stores**, **integrations**, **admin portals,** and **more**, end-to-end from requirements gathering to production deployment.
- **Released** modules, **trained** clients & developers, **maintained** sites & servers.
- Managed **subcontractors** and handled **hosting and client needs**.

Tech: PHP, Python, MySQL, PostgreSQL, JavaScript, MODX, Odoo, Django, Linux, Apache, DNS, graphic design, animation, payment processing, and more.

EDUCATION

University of California, Riverside
2003-2008

Unfinished/ No Degree

Progress toward double major in **Biology** and **Anthropology.**

SKILLS

Languages: Python (expert), JavaScript/Node.js, PHP, Bash/Shell/Make, some C/C++/C#/Go/Java

Architecture: Microservices, REST/RPC APIs, message queues, pub/sub, integrations, modularity, fault tolerance, boundaries, scalability, & more

DevOps & Tools: Linux (extensive), Docker (Swarm, Dockerfiles, API, commands), CI/CD (Jenkins, GitHub, Azure), AI (OpenAI, Copilot), VMs, Ansible, Puppet, NGINX, Apache, VCS (Git/SVN), IDEs (JetBrains), basic AWS/ Azure/ Terraform, & hundreds more (logging, monitoring, debugging, etc...)

Databases: MongoDB (NoSQL), PostgreSQL, MySQL, SQL Server, Redis, SQLite

Frameworks: Django, FastAPI, Flask, Odoo, Tryton, pytest, MODX, Wordpress, and dozens more

Practices: Testing (unit, integration, system, TDD), documentation, OOP/ patterns, clean code, SOLID, asynchronous programming, refactoring, debugging, profiling, static analysis, production reliability, code reviews, agile delivery, human factors, & more

Frontend: HTML5/CSS3/JS, cross platform testing, UI/UX/graphic design, animations, & more

Low level (basic): Networking, routers, embedded Linux, kernel/drivers, serial consoles, BIOS, GRUB, PXE, RAID, RTOS, hardware, electronics, control systems, avionics/aviation, vending, & more

Teamwork: 15+ yrs **remote collaboration**, 9+ yrs **training users & developers**, 5+ yrs on **agile team**, 1.5 yrs **small team lead**. Led a consulting business for 10 years, managing **clients**, **contracts**, **projects**, **subcontractors**, and **support**.

Personal: Advanced air sports training focused on **risk management**, **safety**, and performance in **dynamic group settings**. Earned a **USPA coach rating**, reflecting teaching and leadership skills. Ongoing self-education in areas such as **communication** and **leadership.**