

# ONDŘEJ VLACH

Web backend developer & DevOps engineer

## Languages

**Rust** (intermediate)  
**PHP** (expert)  
**SQL** (expert)  
**Python** (intermediate)  
**Groovy** (intermediate)  
**JavaScript/ECMAScript** (beginner)  
**Kotlin** (intermediate)  
**Java** (beginner)  
**C++** (beginner)  
**C** (beginner)  
**Bash** (intermediate)

## Technologies/Frameworks

**HTML** (expert)  
**CSS** (intermediate)  
**Elasticsearch** (intermediate)  
**Docker** (expert)  
**Kubernetes** (expert)  
**OpenStack** (intermediate)  
**Jenkins** (expert)  
**Gitlab CI/CD** (intermediate)  
**Gitea actions** (intermediate)  
**Helm** (intermediate)  
**Kustomize** (expert)  
**Puppet** (expert)  
**Ansible** (beginner)  
**ArgoCD** (beginner)  
**Prometheus** (intermediate)  
**Grafana** (intermediate)  
**Loki** (intermediate)  
**Tempo** (intermediate)  
**Memcache** (expert)  
**Redis** (expert)  
**LDAP** (intermediate)

## Frameworks

**Rocket (rocket-rs)** (expert)  
**Nette** (intermediate)  
**Symfony** (intermediate)  
**React** (beginner)

## Databases

**MySQL** (expert)  
**PostgreSQL** (intermediate)

**tools:** Git, docker, docker compose, helm, iptables, ufw, kanidm, promtail, json-rpc, rest, nginx-ingress, calico, IPv6, make, sentry, heat, debuild, pip, cargo, pyscaffold, platformio, OpenTelemetry, **operating systems:** Linux (any) - expert, Kairos (Linux) - master, NixOS (Linux) - master, Windows - beginner

## Work experience

### DevOps Engineer

[@Nubium Development SE](#)

[PHP, Python, Bash, Puppet, Ansible, Groovy, Java, Docker, Kubernetes, OpenStack, Jenkins, 2019 - 2024  
Gitlab CI/CD, Grafana, Kibana, Sphinx, Docker, Elastic Search, MySQL, PostgreSQL, make,  
Redis, Memcache, Docker compose, Kustomize, Debian packages, PIP packages, CEPH, Heat]

Development of tools for deployment and management of development environments for the Uložto application (the largest Czech data storage), design and management of supporting production technologies (self-hosted Sentry, Jenkins, GitLab CI), development of tools for automatic creation of development environments (36 "full" development environments - web, CDN app (no files), databases (full obfuscated db/minimalistic db mode), support tools (Sentry, mailing, etc.)) on a "click." Writings tool for CD. Writing roles in Puppet, designing dashboards in Grafana, supporting development regarding infrastructure. Writing pipelines in GitLab and Jenkins related to environment creation, testing, packaging, creating Docker containers, etc. Working with OpenStack, Heat, Ceph. Gradual Kubernetes implementation.

### PHP Developer

[@Nubium Development SE](#)

[PHP, Ruby, Python, Bash, vagrant, Jenkins, Gitlab, Ansible, Memcache, Redis, Make, MySQL, 2013 - 2019  
PostgreSQL, Sphinx]

Development of the Uložto application, development of payment systems (credit card payments, SMS payment), development of developer tools (packaging, git-bpf), deployment pipelines, vagrant boxes...

[github.com/ovlach](#)  
[git.nanobyte.cz/pohovor-public](#)  
[mastodonczech.cz/@narg](#)  
[ondrej@vlach.xyz](#)  
[+420 778 017 002](#)  
[vlach.xyz](#)

## About me

Age: 37 years

I am a DevOps engineer and backend web developer with extensive experience. I have been working in the field since 2004, starting as a PHP developer and gradually advancing to the role of DevOps engineer. Currently, I focus on supporting application development, particularly on deployment and implementation of technologies such as Jenkins, Gitlab CI/CD, Docker, Kubernetes, and others. However, I also enjoy programming in PHP, Rust, and other languages. In the past, I worked as a PHP developer for various companies, specializing in implementing applications for both a few customers and high-traffic applications (Uložto, ČTK). My goal is not only to address current development needs but also to introduce new technologies and efficient practices. Outside of work, I am passionately involved in 3D printing, enjoy programming, explore new technologies, and continuously learn new things. My other interests include sci-fi, reading, and going for walks and trips with my dog. My aim is to constantly improve and bring innovation to my field.

## Work experience

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### Local director at non-profit organization

[@O.S. POMASZ](#)

[PHP, SOAP, CSS, HTML]

2010 - 2012

Ensuring the smooth operation of the branch, recruiting temporary workers, collecting financials from temporary workers and managing them, building relationships and negotiating with partners of the POMASZ Nonprofit Organization, handling administrative tasks, and participating in management. Simultaneously, developing the intranet and overall IT within the POMASZ non-profit Organization (computer management, designing technical solutions, etc.).

### PHP Developer a Zend Framework specialist

[@Internet Projekt a.s.](#)

[PHP, SOAP, CSS, HTML]

2009

Implementation of the core components for intranets and publicly accessible web apps for a large Czech energy company (RWE).

### PHP Developer and PostgreSQL specialist

[@ILIKETHIS! s.r.o](#)

[PHP, Perl, XML, SOAP, CSS, HTML]

2007 - 2008

Database design and system development for storing photos and metadata for a press agency (approximately 1,000,000 photos), development of a search engine, and implementation of synchronization between the internal client system and the new web system (SOAP). Development of procedures and consultations in PostgreSQL, data model design.

### Developer

[@ASW Systems s.r.o.](#)

[PHP, JavaScript, Java, XML, CSS, HTML, Linux]

2006 - 2007

Developing internal information system. Internal "webcore" framework (based on MVC) development. External web apps development.

### Developer

[@Radiokomunikace a.s.](#)

[PHP, JavaScript, Java, XML, CSS, HTML, Linux]

2005 - 2006

Developing internal information system (T-PIS)

### Junior Developer

[@Lundegaard s.r.o.](#)

[PHP, CSS, JavaScript, HTML, Linux]

2004

Web apps developer

## Freelance jobs

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### Freelance Developer & Consultant

[@myself](#)

2012 - 2023

External web developer consultant

### External consultant and developer

[@YAGAR s.r.o.](#)

[PHP, JavaScript, XSLT, XSL-FO, HTML, CSS, MySQL]

2007

Consultation in the design of applications, development of an application for processing payments and servicing an e-shop

### External consultant and developer

[@PragueDesign - Pavel Moravec](#)

[Python, Perl, PHP, JavaScript, XML, HTML, CSS, PostgreSQL]

2006

Optimization of the web application RSSMAD – Optimization of data structure, performance code optimization (in PHP), design and implementation of a component for downloading a large number of files in XML format (exports in RSS and Atom) from various web applications, followed by parsing and storage in a database