



Tomas Balsys born 1983

Programmer

Kaunas, Lithuania

CONTACT

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WORK EXPERIENCE

UAB „Ruptela“ | Vilnius, Lithuania

September 2008 – June 2010 | PHP Programmer

Programming of a web application for GPS vehicle positioning (PHP, Java), maps (JavaScript, OpenLayers, map tile generation and hosting), database (PostgreSQL, PostGIS, optimizing with PL/pgSQL functions). Version control system: SVN, Trac.

Silk Software House | Warsaw, Poland

June 2017 – February 2019 | PHP Programmer

Web-applications, API back-ends, programming of user interfaces in various projects. Back-end/front-end, server configuration and deployment automation.

Technologies: Symfony 3/4, various plugins for that framework, Codeception for testing; PostgreSQL, PostGIS, MySQL; JavaScript, React.js, Redux, Redux-Form/Thunk/Promise, Semantic UI React, Reactstrap, Bootstrap, SASS; Git, GitLab, Docker, Docker Compose, Ansible; PhpStorm.

Pragmatic Coders | Warsaw, Poland

March 2019 – October 2019 | React Programmer

Programming a real-time web-application for financial transactions. React, Redux, Styled Components, CSS3 animations, Pusher.js, AWS, AWS Cognito, Jest unit tests, Enzyme, Cypress end-to-end testing, GitLab, Webpack, Gulp, IntelliJ Idea.

Codilime | Warsaw, Poland

November 2019 – December 2022 | Programmer

Programming user interfaces for network devices, later testing/automation. React, TypeScript, TestCafe, Python, Selenium, Selenoid, internal testing frameworks.

December 2022 – January 1980 | Unemployed

Private projects, IPSEC VPN, NixOS Linux servers, OpenWRT routers, self-hosted services, Raspberry Pi audio/video surveillance (gstreamer HLS stream and motion detection), WordPress themes/plugins.

EDUCATION

Vilkaviškis „Žiburys“ gymnasium

September 1994 – June 2000

Vilkaviškis S. Nėris secondary school

September 2000 – June 2002

Vilnius University | Informatics

September 2002 – June 2008 | Bachelor

C++ Java databases information systems. Diploma theme: recognition of eye iris (biometry)

St. Bosco school, Saarbrücken, Germany

September 2010 – June 2011 | Pre-seminarian

Learning german language, studying church doctrines, taking care of children, driving children to and from school

Sacred Heart Seminary, Zaitzkofen, Germany

September 2011 – June 2016 | Seminarian

Unfinished studies. 1 year spirituality, 2 years philosophy, 2 years theology, during that time 3 years latin, introduction to hebrew and greek, singing gregorian chant, service in traditional latin liturgy. I also served as a photographer

LANGUAGES

| | Reading | Writing | Speaking |
|------------|-----------------|---------|----------|
| Lithuanian | Native language | | |
| English | C2 | C2 | C1 |
| Polish | C2 | B2 | C1 |
| Russian | C1 | A2 | B1 |
| Latin | B2 | A2 | A1 |
| German | C1 | B1 | B2 |

CERTIFICATES

CCNA

Cisco Networking Academy

2007-05-01

AWS Developer Associate

2019-05-01

Watched course videos, no exam attempt for getting the certificate

ABC of Cisco SDWAN Viptela

Ratnesh Kumar, Udemy

2021-05-25

Certificate of Completion: Viptela Part 1

Certificate of Completion: Viptela Part 2

Certificate of Completion: Part 3: Security and DIA

Certified Kubernetes Application Developer

Cloud Native Computing Foundation

2021-12-10, valid to 2024-12-10

Certificate ID: LF-3rp5e01akd

Verify certificate at The Linux Foundation

Certified OpenStack Administrator

OpenStack Foundation

2022-04-27, valid to 2025-04-27

Certificate ID: COA-2200-110498-0100

Verify certificate at Mirantis

ADDITIONALS

Volunteer | Nairobi, Kenya (East Africa)

August 2016 – October 2016 | Holy Cross Catholic Church

Teaching children catechism, singing in choir, preparing financial documents using Excel (VBScript), improving school information system (SMS module for Gibbon)

Driving licence

Category: B

Owner of a personal vehicle

SKILLS

Programming languages

- PHP
- Python
- Go
- JavaScript
- TypeScript
- C
- C++
- Java
- PL/pgSQL

Scripting languages

- Bash
- zsh
- VBScript
- PowerShell

Websites

- HTML5
- CSS
- SASS
- LESS
- RWD
- Bootstrap
- Bulma
- Tailwind CSS

Frameworks

PHP

- Symfony
- Doctrine ORM
- API platform
- Directus
- WordPress plugins/themes
- Codeception (testing)

C++

- Qt widget library

Java

- Maven
- log4j
- Spring boot (beginner)

JavaScript

- jQuery
- OpenLayers
- Leaflet JS maps
- React
- Redux
- Redux Form
- Redux Thunk
- Redux Promise
- Formik
- RxJS
- Styled Components

JS packaging

- Gulp
- Webpack
- npm
- Yarn

JS user interface libraries

- Ant Design
- Material UI
- Semantic UI React
- Reactstrap
- DHTMLX

UI testing

- Jest
- Enzyme
- React-testing-library
- Cypress.io
- TestCafe
- Selenium-Grid
- Selenoid

Static site generators

- Hugo
- Gatsby
- 11ty

Servers

- Apache
- nginx
- PHP-FPM
- Samba & wsd
- ssh
- vsftpd
- dnsmasq
- hostapd
- coturn

Continuous Integration

- GitLab CI
- GitHub actions
- Drone
- Woodpecker

Testing

- Codeception (PHP unit/end-to-end)
- Jest (JS unit)
- Cypress (end-to-end)
- PyTest (Python)

Operating systems

- MacOS
- NixOS
- Arch
- Alpine
- Ubuntu
- Debian
- CentOS
- Rocky
- FreeNAS/TrueNAS
- Windows

Programming tools

- PhpStorm
- VSCode
- Vim
- Git
- GitLab
- GitHub
- Gitea
- Redmine
- Jira

Communicators

- Slack
- Mattermost
- RocketChat
- XMPP

End user applications

- LibreOffice
- GIMP
- Inkscape
- Scribus
- Microsoft/Adobe atitikmenys

Physical networks

- Šakotuvai
- maršrutatoriai
- ugniasienės
- kabeliai
- kabelių antgalių uždėjimas

Routers

- OpenWRT
- RouterOS (Mikrotik)
- DD-WRT
- Cisco IOS

Firewalls, Network diagnostics

- Iptables
- nftables
- firewall-cmd
- ufw

VPN technologies

- IPSEC
- strongswan
- swanctl
- libreswan
- OpenVPN

Network diagnostics

- Tcpdump
- nmap

Virtualization

- Libvirt
- KVM/qemu
- VirtualBox
- Vagrant
- lxc
- lxd
- docker
- podman

Automatization

- PXE boot
- kickstart
- cloud-init
- packer
- ansible
- nornir

Python

- python-libvirt
- pexpect
- paramiko (SSH)
- ncclient (NetConf)

Monitoring

- Prometheus
- Grafana
- Loki/Promtail
- alert-manager
- node-exporter
- NUT
- Zabbix

Deployment

- Docker-compose
- Kubernetes
- k3s
- OpenStack
- terraform

Cloud providers

- AWS
- LetsEncrypt/acme.sh