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Summary

IT specialist with 10+ years of experience in building reliable and secure distributed systems. Interested in highload, cybersecurity, and DevOps. Life-long learner. Mentor.

Passionate about football, cycling, and traveling. Marathon runner.

Married with one child. Cat owner.

Certifications

May 2020	[HashiCorp Certified: Terraform Associate](#)
February 2018	[AWS Certified Solutions Architect – Associate](#)
February 2018	IELTS Overall 7.5, Listening 8.0, Reading 9.0, Writing 7.0, Speaking 6.5 TRF number 17CY003673TARA006G
October 2015	[ITIL Foundation in IT Service Management](#), candidate number 5487667

Professional experience

2018 till now — Systems Engineer, TourRadar GmbH, Austria

- Leading **security projects**:
    - conducting internal talks and hackathons, participation in global CTFs;
    - finding and managing vulnerabilities in company services, providing support to developers to fix them, working with external researchers;
    - hardening of applications, container images, and AWS infrastructure;
    - implementing best security practices through CI/CD (DevSecOps).
- **Hiring and managing** a small IT operations team.
- **AWS** infrastructure transformation through **Infrastructure as Code**.
- Configured and supported **CI/CD pipelines**.

2015/2018 — DevOps engineer, Wisebits group (Alexa TOP-1500 website)

- Close collaboration with developers and QA team within **Agile** methodology.
- Reliable **website operation**, monitoring, and troubleshooting.
- **Security hardening** of application, network, and infrastructure.
- **Hiring and managing** a small IT operations team.
- Configured and supported **CI/CD pipelines**.
- Media streaming operations (up to 15 Gbps media streaming).
- Developed custom media streaming components in **Python,** and **C**.

2011/2015 Service administrator, Forex Club
- Administration of **FreeBSD firewalls** for 50 company offices.
- Support of **VoIP** infrastructure operation (~150.000 calls/month).
- VoIP+CRM integration project for all sales branches.
- Developed call monitoring system, resulted in $15.000 saving for the company.
- IT services operation: VPN, email, backups, monitoring, flow logs.

2009/2011 Free-lancer
- AppleInsider.ru: audio streaming for special events, up to 12K audio listeners at peak.
- Web developer: web scraping, e-commerce, CRMs.
- System administrator: web servers, email servers, Jabber servers.

Education

2004/2009 Master in **Computer Science**, Altai State University (Russia)
- diploma work: distributed computations based on BOINC (Python, C++, Bash)
- Python language interpreter (written in C++)

Hard skills

Programming language: Python (most proficient)

Networking: TCP/IP stack, BGP, DNS, HTTP, SMTP

Infrastructure orchestration: Terraform, Ansible, Fabric

AWS: EC2, ECS, Lambda, RDS, Elasticache, S3, SQS, Route53, Global Accelerator, IAM

Monitoring: Grafana, Zabbix, CloudWatch, Nagios

Error reporting: Elasticsearch/Kibana, Sentry

Containers and virtualization: Docker, LXC, KVM, Vagrant

CI/CD: Bitbucket Pipelines, Jenkins, Bamboo

Databases: MySQL, Redis, PostgreSQL, Clickhouse

VPN: OpenVPN, Racoon, AWS ClientVPN

Messaging: RabbitMQ, Redis, Jabber, Comet

VoIP: Asterisk, Cisco

Contests and hackathons

2020	**CTFtime.org** Team "We_0wn_Y0u" ranked #2 in Austria
October 2017	**Pentest Cyprus 3.0, Larnaka** Offline 3 hours CTF contest. 1st place / 74 participants
August 2017	**Highload Cup by Mail.ru** Online 3 weeks hackathon. Final round. 39th place / 433 participants