

Alexander, 36 years

E-mail: ayambit@gmail.com

I was employed as system administrator, working in the field for 12 years now, and working as Linux and FreeBSD server administrator for almost 10 years. I also enjoy doing data analytics extracting data from different sources and using SQL and python, and was doing it alongside my primary roles most of my career.

My skills

- * Linux server administration, good overall system knowledge, good troubleshooting skills, I am able to determine why something doesn't work as expected and fix it.
- * Bash, Python, Perl scripting.
- * AWS infrastructure, EC2, ELB, S3, RDS, OpsWorks, user management, etc.
- * Network services administration, VPN, firewall, SSL layer, etc
- * Configuring web servers Apache and Nginx.
- * Intermediate database knowledge, PostgreSQL and MySQL, replication, backups, user management, etc, data analytics with SQL
- * Practical SQL knowledge, experience of running reports aggregating information from different tables providing required information for the management;
- * Setting up backups with different backup strategies, automating backups, using network backups.
- * Security configuration, checking if system configuration is sane, setting up iptables, remote logging of system events to have audit trail like pulling all login attempts or remote logging to specialized security instance, configuring iptables and openvpn, etc.
- * Setting up and maintaining monitoring solutions, like zabbix or nagios, graphite, grafana, etc.
- * Data collection and graphing tools like graphite, which allows improved decision making.
- * Virtualization on Linux, using xen and kvm.
- * Windows server administration, medium overall system knowledge.
- * I also wrote a Linux tutorial, some time ago: <https://archive.ph/xDb8o> .

Full-time employment history

**DevOps Engineer, Site Reliability Engineer role,
UPWORK**

March 2014 - Dec 2021

I worked in the company providing biggest international freelance marketplace, Upwork.com, as a Site Reliability Engineer.

- Built and maintained tools and dashboards providing birds-eye overview of Site health, by using front LB Nginx loadbalancer configuration and Elasticsearch for log aggregation, which allowed to view top backends out of about a hundred, which have errors, which led to substantial decrease of incident resolution times;
- Had an additional role of Incident Manager, which involved maintaining corporate-wide

channel with over a thousand people who reported incidents, creation and moderation of incident specific channels, finding correct people to fix problems if it was required, and help in creation of post-mortems and participating in post-mortem meetings

- Had one of the key roles in the effort of migration from legacy baremetal servers in datacenter to AWS, which included capturing configuration of legacy baremetal servers in Chef, applying this configuration to AWS, building dedicated server stacks for particular roles using AWS OpsWorks, configuring backups to be stored on AWS S3, etc.
- Configured legacy applications logs uploading to elasticsearch using logstash filters;
- Maintained front load balancer infrastructure;
- Maintained application server configuration using Chef;
- Maintained DNS servers infrastructure;
- Maintained automated alerting to developers responsible for particular components using Nagios and PagerDuty.

Previos empyoment history omitted as I think's it's outdated to the point of being irrelevant but can be provided if required