

CV ([pdf](#))

Name: Alexander Kubrack

Date of birth: Dec 27, 1976.

Gender: Male.

Marital status: Married, three children, 2000, 2006 and 2020 years of birth.

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Development experience since 1999.

Network Administrator experience since 2001.

Preferred languages to work with - Clojure, Erlang, Perl

Abstract

- Experience of working in a team as well on projects with CI. Understanding of significance of code readability, code review, code style, unit and integration testing, time management for a project. Ability to make ETA for tasks.
- Ability to find a compromise between business requirements and code quality which enough to avoid tech debt growing.
- Experience of managing a small but heterogeneous team.
- Experience of working with pretty big data using Spark.
- Experience of building and maintaining a high-loaded web cluster.
- Experience of creating of full featured small ISP level billing system. Participation in developing of industrial-leader-level universal billing system.
- Good math background. Strong understanding of all levels of TCP/IP stack and Unix-like OS architecture. Experience of investigation and fix issues in low levels of "leaky abstractions".

Education

- Master of Science, Computers and Networks (Chernihiv Technological Institute, Department of Information and Computer Systems, 1999).

Business and Employment Experience, tasks performed, environment

- Sep 2021 - Nov 2023. [Apptopia Inc.](#), Senior Data Engineer.
 - Working with pretty big data using Clojure, Amazon services (EC2, S3, AWS CLI), Apache Spark (RDD, Avro, Parquet), Cassandra, Elasticsearch, Postgresql.
 - Salesforce integration.
- Mar 2019 - Aug 2021. [EPAM Systems](#), Senior Software Engineer.
 - Maintenance of huge web service - bugfix/features (Perl, Javascript, CSS, Docker, MySQL, Oracle, git).
 - Migration big legacy project from Solaris to modern env (Perl, Shell, C, git).
- Sep-2018 - Dec-2018 - [Adavice](#), Development Director.
 - Developing and maintenance high-loaded landing platform (Postgresql, Perl, CGI, FastCGI, Javascript, git);
 - Developing and maintenance various API to external gates (Perl, git);
 - Performance optimization tasks (Perl, sh CLI tools, tcpdump, netcat).

- Sep 2012 - Apr 2018. [PortaOne](#), Perl Developer.
 - Working on core of billing system (Mainly: RADIUS, Diameter, SIP, Perl, git, MySQL, Oracle. Sometimes: Erlang, C, Python).
- May 2005 - Aug 2012. [ISP TIM](#), CTO.
 - Participation in making decision about general growth direction;
 - Making decision about network topology and technologies;
 - Development, administration and support teams management;
 - Resolving complex technical tasks.
- Feb 2003 - Mar 2005. Network Administrator of [ISP TIM](#), Ukraine.
 - Upstreams (BGP) and RIPE interoperation;
 - Neavy-loaded network equipment configuration (Cisco IOS, FreeBSD - TCP/IP stack, pptp, pppoe, netgraph, ipfw);
 - Development (Billing system - Perl, Postgresql, RADIUS; API to net equipment - SNMP; network daemons - C, Perl; hardware drivers - C).
- May 2001 - Jan 2003. System Administrator of JSC Ukrnafta, Ukraine.
 - IT infrastructure maintenance. (Interbase, Firebird, Perl, TCP/IP, Linux, Samba, various versions of MS Windows)
- Jul 1999 - Apr 2001. Programmer of JSC Ukrnafta, Ukraine.
 - Developing and maintenance applications for data access/processing (Interbase, Postgresql, Borland Delphi, Perl, CGI)

Programming and related skills

- Programming languages: Clojure, Erlang, Perl, Lua, Python, C, Javascript.
- RDBMS: PostgreSQL, MySQL, Oracle experience. Good SQL knowledge. Other - Redis, Cassandra, Elasticsearch
- Apache Spark, AWS services (EC2, S3, AWS CLI)
- System and network administration: FreeBSD, Linux, Cisco.
- Good knowledge of TCP/IP protocol stack, RADIUS, Diameter.
- Software Development Methodologies: TDD, SCRUM.
- VCS: git, cvs, rcs, hg.

Hobbies

- ARM Cortex-M3 and -M0 (STM32), ATmega, ESP, RISC-V MCUs.
- Functional programming languages
- Chess.

Languages

- English - B1.
- Spanish - A1.
- Ukrainian - native speaker.
- Russian - native speaker.