Curriculum Vitae

Personal information

Surname(s) / First name(s)	Peregud, Gleb
Address(es)	Switzerland, ZH Adliswil, Sihlmatten 1
Telephone(s)	+41791509678, +48600462608
Email(s)	gleber.p@gmail.com
Nationality(-ies)	Polish, Russian
Date of birth	1987-01-16
Web	http://gleber.pl/
Github	http://github.com/gleber/
Motto	Use the right tools for the job!

Work experience

• Dates	2013-01 – present
Name	Google, Switzerland
Occupation	Senior Site Reliability Engineer, Technical Lead, Product Owner
Occupation	Site Reliability Engineer III
Occupation	Site Reliability Engineer II
Main activities	Technical leadership and product owner for infrastructure projects. Designing, developing and maintaining large scale services
Currently	Developing novel production change management, automation tracking, configuration provenance tracking software for continuous deployment and incident response management solutions
Previously	Supporting Google BigQuery service and it's underlying query service Dremel. Working on continious deployment, production automation and overall production change management solutions
• Dates	2010-03 – 2012-12
Name	Livepress Inc, USA
Occupation	Erlang/JS developer - remote
Main activities	Developing scalable and clustered custom publish-subscribe system for live-blogging service
Notes	200+ nodes clusters on Amazon EC2, 1000000+ concurrent clients, less than 1.5 seconds end-to-end latency
• Dates	2000-01 – 2012-12
Name	SilverSoft Sp. z o.o., Poland
Occupation	Lead software developer
Occupation	Software Developer
Occupation	Junior Software Developer
Main activities	Developing scalable communication servers, GIS web services (Erlang, Python, JavaScript, HTML/CSS, PHP), administrating LAMP stack, Ubuntu/Debian, PostgreSQL, Windows 2003 servers
• Dates	2009-03 – 2010-01
Name	Poly9 Group, Canada - bought by Apple Inc.
Occupation	GIS/Erlang developer - remote
Main activities	Proof-of-concept generalized robust geocoding system capable of working with unformatted queries, clustered, distributed. Based on Microsoft Research paper
• Dates	2008-09 – 2012-04

Name	Plurk Inc, Canada
Occupation	Python developer
Main activities	Evolving the service, ensuring it's scalability and implementing new features
Occupation	Erlang developer
Activities	Developing scalable and clustered Ejabberd-based IM subsystem for micro-blogging service

Open Source

erlcloud	Most comprehensive Erlang AWS API client library. Maintainer
proj4erl	Proj4 bindings for Erlang using NIFs. Author
proto_ws	Websockets parsing library based on Misultin. Author
ScriptCaller	Reliable cross-browser cross-domain JSONP request library. Author
Emacs Prelude	Emacs configuration library. Contributor
eXat	Erlang experimental agent tool - FIPA-compliant agent library. Maintainer
fastnav.el	Fast navigation mode for Emacs. Maintainer
python-pxlib	Python library for reading Paradox DB files. Maintainer

Computer skills and competences

Primary programming languages	C++11/14

    – use since 2016

    – knowlege of best practices focusing on maintainability and readability

    – good understanding of C++ performance

Erlang

    – professional use since 2008

    – extensive knowledge of OTP

    – in-depth knowledge of Erlangs strength and weaknesses

Python

    – used in day-to-day work since 2007

    – wide practical knowledge of libraries

Haskell

    – personal use since 2015

Other programming languages	JavaScript, Zsh/Bash, PHP, C, C#, Java, Delphi, Assembler
Markup	XML, HTML/CSS, YAML, JSON, SVG/VML
IDEs	Emacs, Eclipse, MS VisualStudio
Database	PostgreSQL, Mnesia, MySQL, redis, TokyoTyrant, Riak, Oracle i10g
Servers	memcached, ejabberd, ElasticSearch, Apache, beanstalk, Bind
Presentation	Latex[1], Markdown
Virtualization	KVM, VMWare, OpenVZ, VirtualBox
Operating systems	Linux (Debian/Ubuntu), NixOS, Microsoft Windows
Network	TCP/IP, UDP, iptables, Ethernet, HTB
Tools	Git, Perforce, Bash, SSH, Nix
Debugging	gdb, SoftIce, IDA Pro, Xdebug, Inkscape

---

[1]This CV was created with Latex

Buzz	Correctness, Maintainability, Scalability, Concurrency, Distributed, Full-stack
Beginnings	First program written at age of 12 in Delphi

Education and training

• Dates	2010-10 – 2012-08
Name	Warsaw University of Technology
Faculty	Faculty of Mathematics and Information Science
Department	Computer Science
Title	Master of Science
Thesis	EXAmons - agent-based resource monitoring for cloud computing[2]
• Dates	2004-10 – 2008-05
Name	Warsaw University of Technology
Faculty	Faculty of Mathematics and Information Science
Department	Computer Science
Title	Bachelor of Science
Thesis	Implementation of Vector Map Server using Erlang/OTP
• Dates	2004-10 – 2006-10
Name	Cardinal Stefan Wyszyński University
Faculty	Faculty of Law and Administration
Department	Law

Personal skills and competences

Mother tongue(s)	Polish, Russian

Other languages

Self-assessment
European level[*]

	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
English	C1 Proficient user	C1 Proficient user	C1 Proficient user	C1 Proficient user	C1 Proficient user

[*]Common European Framework of Reference (CEF) level

In progress	German, Chinese

---

[2]Thesis not submitted yet