DMITRII OKUNEV

CONTACTS AND SOCIAL PAGES

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EDUCATION

2013-2017	Postgraduate education (incomplete PhD), thermal physics, NRNU MEPhI, Moscow, Russia
2006-2013	Kinetic physics specialist, engineer-physicist, NRNU MEPhI, Moscow, Russia

EMPLOYMENT

2019-now	Production Engineer, Meta
2018-2019	Senior backend engineer (Golang), Wisebits
2017-2018	DevOps, JSC "TelemedHelp"
2012-2018	Head of a system administrating department (head of UNIX-tech department), NRNU MEPhI
2011-2012	System administrator team lead, department of Telecommunications, NRNU MEPhI
2009-2011	Network engineer and system administrator, department of Telecommunications, NRNU MEPhI
2007-2009	System administrator (specialist in telematic services), JSC "Rosnet"

MAIN ACTIVITIES

2024-now	Meta	Building infrastructure for block level data encryption.
2023-2024	Meta	Closing the gaps for production-readiness of Reality Labs products.
2019-2023	Meta	Making the remote attestation infrastructure of a planetary scale. The main expertise area: BIOS firmware remote attestation. For example, it required influencing the related technologies that are used world-wide outside of the company as well.
2018-2019	Wisebits	Developing highload solutions (2KQPS per cheap server). Stabilized the product; introduced high-performance observability, new features and so on.
2017-2018	JSC TelemedHelp	Created HA/LB infrastructure with CI/CD, built a developer environment.
2009-2018	NRNU MEPhI	Created: an UNIX tech department itself, VoIP, HPC center (with 4 HPC-clusters), VPN-services, LXC-based HA Linux hosting, ftp.ru.debian.org and so on. While managing the department I've automated related University processes.
2007-2009	JSC Rosnet	Adminitrating mail server (including mail of a Russian Ministry), billing, web servers etc; created a mail anti-DDoS protection.
2006-2007	UltaNetwork	Created an unofficial campus network.
2005-2007	RootNet/IrcCity	Developed different utilities (anti-DDoS, different services).