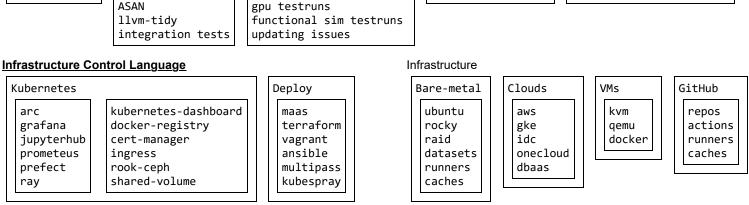
Alexei Fedotov

DevOps Engineer with managerial background who likes open source and AI, <u>alexei.fedotov@gmail.com</u>, Munich/remote starting on 2 Jan, +49 174 4969771, <u>Github</u>, <u>Linkedin</u>.

Current Employment

Infrastructure and DevOps Engineer at Intel Corporation, responsible for CI and testing pipelines for AI projects: <u>Triton</u> fork, <u>PyTorch</u>, <u>MLIR</u> extensions, <u>Modin</u>, <u>ICL</u>, <u>Graph Compiler</u>, <u>HDK</u> and others. Developed <u>bash</u>, <u>python</u> scripts, <u>cmake-files</u>. Migrated from Teamcity to GitHub actions. Compliled AI projects using <u>g++</u>, <u>nvcc</u>, <u>icpx</u>, <u>cython</u>, conda compilers. Evaluated pipeline failures with the focus on <u>conda</u>, Falcon Shores and <u>bare-metal runs</u>. <u>Helped</u> developers to overcome Linux and hardware challenges.

Processes release engineering access governance maintenance notifications sla security compliance backups info sharing scans, signing retention policy Containerized Environments self-hosted runners jupyter profiles dev dockers arc runners perf measurement dockers reproducers Pipelines product build license check regular functional tests performance tests container tests infra build style check cpu testruns updating dashboard updating ICL definitions **ASAN** gpu testruns llvm-tidy functional sim testruns integration tests updating issues



Previous Experience (25+ years)

Release Engineering. Java Device Testing Suite at Sun Microsystems, reliability and performance releases at Intel Corporation. Apache Openmeetings releases. Debian and RedHat-based Linux distributions.

Development. Functional simulator for ARM-compatible hardware at **Soft Machines**, <u>design docs</u>, OS compatibility layer, Java byte code verifier at **Intel Corporation**. And **more**.

Management. SQE teams (10+ engineers), open-source software business (20+ reports), virtual teams (50+ engineers).

Teaching. CMMi certification courses on quality management, and number theory, **4** Google Summer of Code projects, **10** student theses, **8** published papers, **8** patent applications.

Education

<u>DevSecOps</u>, machine learning, finance and management trainings at Intel

Master degree with **honors** in Mathematics, Applied Mathematics from Moscow State University