Olga Telezhnaia

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Porto, Portugal

olyatelezhnaya@gmail.com ↗
github.com/telezhnaya ↗
linkedin.com/in/telezhnaya ↗

WORKING EXPERIENCE (9 years total)

Mar 2021 – Jan 2025   **NEAR** ↗, Rust, Python, SQL, Postgres
- Served as Technical Lead for the State Sync Team
- Defined NEP standards (NEAR's counterpart to ERC) for FTs, NFTs
- Designed the DB solution to fit into 1000x data growth
- Cut storage use by 40% and raised data accuracy by switching formats
- Built Developer Relations pipelines (creating the community, managing offline and online events, organizing tech support)
- Partnered with Finance to collect and analyze key financial data

Aug 2019 – Feb 2021   **Software Engineer at JetBrains** ↗, Educational Plugin
Kotlin, Java, git
- Made debugging process smoother for learners, maintained checker subsystem;
- Improved integration with Stepik ↗, JetBrains Academy ↗ and Codeforces ↗;
- Added support of Go language courses.

Feb 2017 – Sep 2018   **Technology Evangelist at Microsoft**
C#, ML, Linux, Azure
- Promoted Linux on Azure by creating apps and coding demos for Sales department;
- Contributed to product development teams and shared the knowledge at conferences.

PERSONAL PROJECTS

Social activity ↗ — I was the organizer Django Girls ↗, PyLadies ↗, Google WTM ↗ and Women in Tech ↗, STEM book reviewer ↗ and YouTube creator ↗. See more details at the link ↗.

Contributions to Git ↗ (C, Shell, Git) — Optimized formatting system of Git (up to 3 times faster), increased functionality of cat-file, for-each-ref, ls-remote etc, unified codebase, decreased memory leaks. I was also the mentor in GSoC in summer 2019 ↗, my student worked on the parallelization of git grep ↗.

Scheduler in Linux Kernel ↗ (Linux, C, Git) — Created the prototype of block IO scheduler for groups of disks. It allows giving priority manually to one group of disks for read/write processes at high load points.

EDUCATION

2012–2016   **Bachelor of Computer Science**, GPA 4.8/5.0
Peter the Great Saint-Petersburg Polytechnic University
2014–2016   **Computer Science Center** ↗, Software Engineering specialization ↗