GESER DUGAROV, Ph.D. | Java Developer, Big Data Engineer

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profiles: LinkedIn, GitHub

SUMMARY

Software Engineer developing core functionality in a Data Lakehouse platform to extract value from PB-scale data. Also contributing to open source, Apache Hudi project, with a focus on stream processing performance and usability of solution.

Wide experience in research and data analysis, PhD. Made a transition from fundamental research in Oil & Gas to research and development in IT.

Passionate about Big Data and Distributed Systems. Personal mission: "Living a balanced life. Helping professionals to work smarter, not harder by creating automatic systems for their routine."

TECHNICAL SKILLS

Java, Python, Maven, PostgreSQL, Docker, Hadoop Ecosystem

WORK EXPERIENCE

May 23 - Current   **Java Developer / Big Data Engineer**,
(1.5 yr)   **Huawei Cloud**

• Development of core functionality of a Data Lakehouse platform for Big Data processing on enterprise-level scalable clusters.

Jan 24 - Current   **Apache Hudi Contributor**,
(1+ yr)   **The Apache Software Foundation**

Apache Hudi is a Data Lakehouse platform, which brought database functionality into Data Lake, and provided incremental processing for low latency analytics.

• 30+ merged PRs with a focus on stream processing performance and usability of solution.

Feb 22 - May 23   **Python Developer**,
(1+ yr)   **Digital Research** (computer vision startup)

• Created an event-based architecture for a system for trucks monitoring. Developed server-side image processing (~20K images/day). In production, the system reduced fleet idle time by 12%.

• Created a customer-facing web UI with reports and data visualization. Also created an internal web UI for system monitoring.

EDUCATION

PhD, Geophysics, Trofimuk Institute of Petroleum Geology and Geophysics SB RAS

MSc, Computational and Applied Mathematics, Novosibirsk State University

Recent version of CV