

Joakim Nordström

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Profile

Software developer with experience in Java and C/C++, including work on the JDK and JVM at Oracle. Experienced in building and maintaining reliable production systems, as well as performance analysis, diagnostics, and troubleshooting.

Used to working in different environments and contributing across development, integration, and operations.

Active in the Java community through conference talks and writing on JVM-related topics.

Professional Experience

Oracle — Principal Member of Technical Staff (2020–Present)

- Worked on the JDK (Long Term Support releases, JDK 7–27) in the Java Platform Group
- Backported fixes and contributed to stabilization of the JDK
- Investigated JVM crashes and performance issues in production systems
- Involved in release engineering: branching, merging, and maintenance

Telia Company AB — Senior System Developer (2015–2020)

- Responsible for design and architecture of a high-availability speech system
- Integrated with customer systems: legacy databases, enterprise systems, and data synchronization
- Worked with statistical language models and ML techniques in speech recognition systems

Omegapoint AB — Java Consultant / Partner (2011–2015)

- Consultant in telecom and banking projects (Telia, Swedbank)
- System development and maintenance of business-critical systems

Earlier experiences: System development and teaching roles (2002–2011)

Conference Talks

- Jfokus 2026 — Intelligent JVM Monitoring: Combining JFR with AI
- Öredev 2023 — Programmer's Guide to JFR
- Jfokus 2023 — Programmer's Guide to JFR

Writing

- Blogging about JVM behavior, Java Flight Recorder, and performance topics

Projects

- XMOS/Xena toolchain: remote compilation via cloud-based build service for AmigaOS
- JTAG tool port: low-level debugging and hardware interface work
- JAmiga: JVM implementation for AmigaOS with OS-level integration

Skills

- Languages: Java, C, C++, JavaScript
- JVM & Performance: JFR, crash analysis, performance tuning, GC
- Backend & Integration: Distributed systems, APIs, system integration
- DevOps & Cloud: Docker, Kubernetes, CI/CD (Jenkins), OCI
- Databases & Servers: PostgreSQL, MySQL, MSSQL, Tomcat, WildFly/JBoss
- Frontend: Angular, jQuery

Education

- Master of Science (Computer Science), Royal Institute of Technology (KTH), 2005–2007
- Bachelor of Science (Computer Science), Dalarna University, 1998–2001

Additional studies: Linguistics at Stockholm University, German studies in Berlin

Languages: Swedish (native), English (fluent), German (good working proficiency)