

Hexagon's Infrastructure & Geospatial Business Area combines measurement, positioning, and mapping technologies to help geodata-dependent industries capture, measure, and visualise the physical world – turning data into actionable insights for better decisions and greater efficiency.

GeoCloud is a cloud-based platform developed by Hexagon where we bring geospatial- and reality capture data to a wide range of users. As a major device manufacturer Hexagon offers great potential in capturing the world and HxDR is the platform to store, transform, host, and stream this data to a global customer base.

In this role as a Software Engineer, you will help design and develop the backend services for Hexagon's GeoCloud platform. The software you work on will be responsible for managing access to and providing streaming and processing services for large geospatial datasets ranging from a few MBs to Terabytes of data. Given the sheer size and complexity of the domain you will take part in a team that pushes the technology and infrastructure to its limits. Your solid knowledge in software engineering best practices, programming languages, data structures and algorithms, will help you and the team find the right solutions to solve relevant problems in our domain.

If you're passionate about solving complex problems at the intersection of cloud computing, software engineering, and geospatial technology, we would love to hear from you.

Senior Java Software Engineer (f/m/d)

Katowice or Leuven **100%**

This appeals to you

- To develop a state-of-the-art platform, using a modern tech stack reaching a global userbase
- To write code that handles millions of requests and terabytes of data on a daily base
- To stay up to date with new technologies and trends and use these regularly
- To shape the platform as we grow and develop new functionality
- To have loads of fun in a great team, and be truly challenged by your colleagues

This is you

- You obtained a university degree in informatics or computer science, or equivalent through experience.
- You possess strong knowledge of object-oriented design & development.
- You contribute to all development aspects: planning, analysis, design, architecture, implementation, testing, documentation, support and maintenance.
- You are a team player with a proactive, collaborative mindset and with a heart for agile software development. You are focused on quality and take

ownership of your team's work.

Tools & Technologies Used

- AWS/SQS
- Kubernetes
- Docker
- Java 23+
- SpringBoot Microservices
- GraphQL/REST APIs
- PostgreSQL
- GitLab CI/CD
- DataDog/Grafana
- ArgoCD/ArgoWorkflows

We offer you

- Opportunity to shape the future of Digital Reality and Digital Twins
- Modern cloud-native technology stack
- Exposure to advanced GIS, AI, photogrammetry and visualization technologies
- International and highly collaborative engineering environment
- Flexible working arrangements
- Professional growth and continuous learning opportunities
- High degree of ownership and technical autonomy
- Competitive compensation and benefits package

About Us

At Hexagon, we are the global leader in measurement technologies. Our precision measurement, positioning, and autonomous solutions transform the world's most vital industries – providing the confidence that customers rely on to build, navigate, and innovate.

From microns to Mars, we drive productivity, quality, safety, and sustainability where it matters most. We help industries operate smarter, reduce risk, and reach new levels of efficiency.

Looking ahead, we are advancing our customers towards a future of true autonomy – enabling them to meet sustainability and demographic challenges with confidence.

With approximately 16,000 employees across 50 countries, Hexagon combines global scale, expertise, and innovation to make a lasting impact across some of the world's most vital industries.

Learn more at hexagon.com.

Contact

If you have any questions, please do not hesitate to contact Dominik Kung, Talent Acquisition Partner.

APPLY NOW

Hexagons Geschäftsbereich Infrastructure & Geospatial

Job-ID: 5gqkjbzv