Senior Software Engineer

Workplace: 418 32, Gothenburg

Apply online!

What to expect:

We are looking for a highly skilled and motivated Senior Software Engineer to join our organization developing next-generation digital experiences for connected vehicles. You will work across Android Automotive, navigation and positioning, infotainment, and backend/cloud-integrated systems.

What You Will Do

You will work in cross-functional, agile DevOps teams with a strong focus on quality, collaboration, and continuous improvement. Your work will span design, development, testing, deployment, and real-vehicle validation.

Core Responsibilities

- Design, develop, and enhance Android Automotive features with a focus on Navigation, Positioning, Media, and Voice Control
- Build full-stack functionality using C++, Java/Kotlin, Python, and the Android toolchain
- Develop touch-based user interfaces and system-level components for in-car infotainment
- Implement automated test cases and ensure high reliability through CI pipelines
- Work with cloud-connected systems, backend APIs,

What you bring along:

Who You Are

You are a curious, analytical, and solution-oriented engineer who enjoys working collaboratively to build high-impact products. You thrive in fast-moving environments, handle multiple tasks with ease, and are motivated by technical challenges.

You Bring

- A B.Sc. or M.Sc. in Software Engineering, Computer Science, Electronics, or similar
- 5+ years of professional experience in software development
- Strong expertise in C++, with additional experience in Java/Kotlin and Python
- Experience with Android platform development (AOSP, Android Automotive)
- Familiarity with modern architectural patterns (MVP, MVVM, layered architecture)
- Solid understanding of Android testing frameworks (JUnit, Espresso, Mockito)
- Experience with Continuous Integration, automated testing, and DevOps practices
- Strong communication skills in English, both written and spoken

- and data-driven services supporting vehicle functionality
- Collaborate with Google and internal partners to deliver state-of-the-art infotainment and navigation experiences
- Participate in real-vehicle testing and troubleshooting to validate system behavior in real-world conditions
- Contribute to architectural decisions, code reviews, and continuous improvements in development practices
- Ensure high standards of software quality, performance, and maintainability

- A collaborative mindset, strong problem-solving skills, and a passion for quality

Meritorious Experience

The following will be considered strong advantages:

- Android Automotive platform development
- Automotive infotainment systems
- Navigation or positioning technologies
- Cloud-connected vehicle systems or backend integration
- Experience with real-vehicle testing
- A valid B-level driver's license

With more than 54 locations throughout Europe, the Bertrandt Group has been providing engineering and development solutions for the international automotive and aerospace industries since 1974. More than 12,000 employees use their know-how and innovative strength every day to support our customers – leading manufacturers and OEMs – with integrated solutions in management, design, and industrialization.

Bertrandt is now expanding into Sweden, establishing a strong and future-oriented presence in Gothenburg.

Our activities cover a spectrum of expertise from electrical, electronics, and software development to design engineering, project management, quality, industrialization, and validation, all driven by innovation and a passion for technology.

Gothenburg location and candidates must hold valid work authorization in Sweden.

What we offer:

Contact:

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