

Arnold NextG realizes the Safety-by-Wire® technology of tomorrow. We offer the world's unique and multi-redundant central control unit NX NextMotion, which enables a fail-safe and individual implementation of all Drive-by-Wire requirements. As an independent advanced developer, Arnold NextG takes over the planning and implementation - from the vision to road approval..



We are looking for

Expert Engineer for model-based automotive software development (m/f/d)

Your tasks

Development

- You design and evaluate new solution options for specific needs of platform-independent automotive software and system developments and take on the prototyping.
- You conceptualize and develop algorithms and controllers.
- You create innovative technical concepts (focus on automotive & off-road mobility systems) and preferably use model-based development methods.
- You work closely with colleagues from system architecture and product development.
- As part of project initiation, you engage in discussions with customers, developing a deep understanding and new ideas for their technical requirements and challenges.

Your profile

Aside from a degree (Bachelor's, Master's, Ph.D.) in engineering, computer science, or a related field with proven experience in Simulink auto-code generation, can you demonstrate profound professional experience? Is the development of AUTOSAR components for ASW or CDD among your core competencies? Do you have experience with Vector automotive tools (e.g., CANoe) and are capable of developing embedded systems in C/C++? Does your pronounced customer focus help you understand, coordinate, and develop tailored solutions for complex requirements? Are you familiar with automotive safety standards (IEC 61508, ISO 26262, DO 178) and have experience applying them in development projects? Moreover, do you have a solid understanding of electronics and can handle complex schematics? Do you independently drive your projects forward, placing great emphasis on effective teamwork and possessing good communication skills? Is thinking "Out of the Box" standard for you, being innovative and curious? Do you think like an entrepreneur and have the courage to make decisions? Then we urgently need to talk!

We offer

Together with our team of world-class developers and talented newcomers, you have the unique opportunity to actively shape the future of mobility today. Our fail-safe electronic steering and braking system with active feedback (Force Feedback), which is already successfully used in mobility for the disabled on the road, eliminates the need for a steering column and thus represents the biggest revolution in 136 years of the automotive industry. Through our globally unique technology, it's not only possible to rethink and redesign vehicle interiors and concepts from the ground up digitally, but it also offers the ability to control any vehicle from any location in the world or to freely choose the steering angle and steering force – even as a retrofit solution (for logistics yards, ports, etc.). We use motorsport with our own team as a development environment, laying the groundwork for the safe autonomous driving of the future. State-of-the-art workplaces, our own mobility campus with training rooms and a driving safety center, short decision-making processes, and a high project dynamic ensure a varied yet goal-oriented environment. With us, you'll find a package of flexible working hours, contemporary leadership structures, attractive compensation, and appealing in-house employee offers (gym, health budget, skill court, five training, shockwave, ultrasound, electric, and laser therapy). Our physiotherapy and podiatry services complete the package.

Your contact

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