

Arnold NextG realizes the Safety-by-Wire® technology of tomorrow with pioneers of the drive-by-wire industry - whether on land, in water or in the air. We offer the worldwide unique and multi-redundant central control unit NX NextMotion, which enables a fail-safe and individual implementation. As an independent developer, incubator and system supplier, Arnold NextG takes care of planning and implementation - from 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 being used successfully in mobility for the disabled on the road, makes it possible to dispense with the steering column and thus represents the biggest revolution in 136 years of the vehicle industry. Our globally unique technology not only makes it possible to digitally rethink and redesign vehicle interiors and concepts from scratch, it also offers the possibility of steering any vehicle from anywhere in the world or freely selecting the steering angle and steering force - even as a retrofit solution (logistics centres, ports, etc.). We use motorsport as a development environment with our own team, laying the foundations for the safe autonomous driving of the future. State-of-the-art workplaces, our own mobility campus with training rooms and driving safety centre, short decision-making processes and a high level of project dynamism ensure a varied yet goal-oriented environment. You will find a package of flexible working hours, modern management structures, attractive remuneration, your own area of responsibility and attractive in-house employee benefits (fitness studio, health budget, skills court, five training sessions, shock wave, ultrasound, electrotherapy and laser therapy). Our physiotherapy and foot care services round off the package.

Your Contact

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