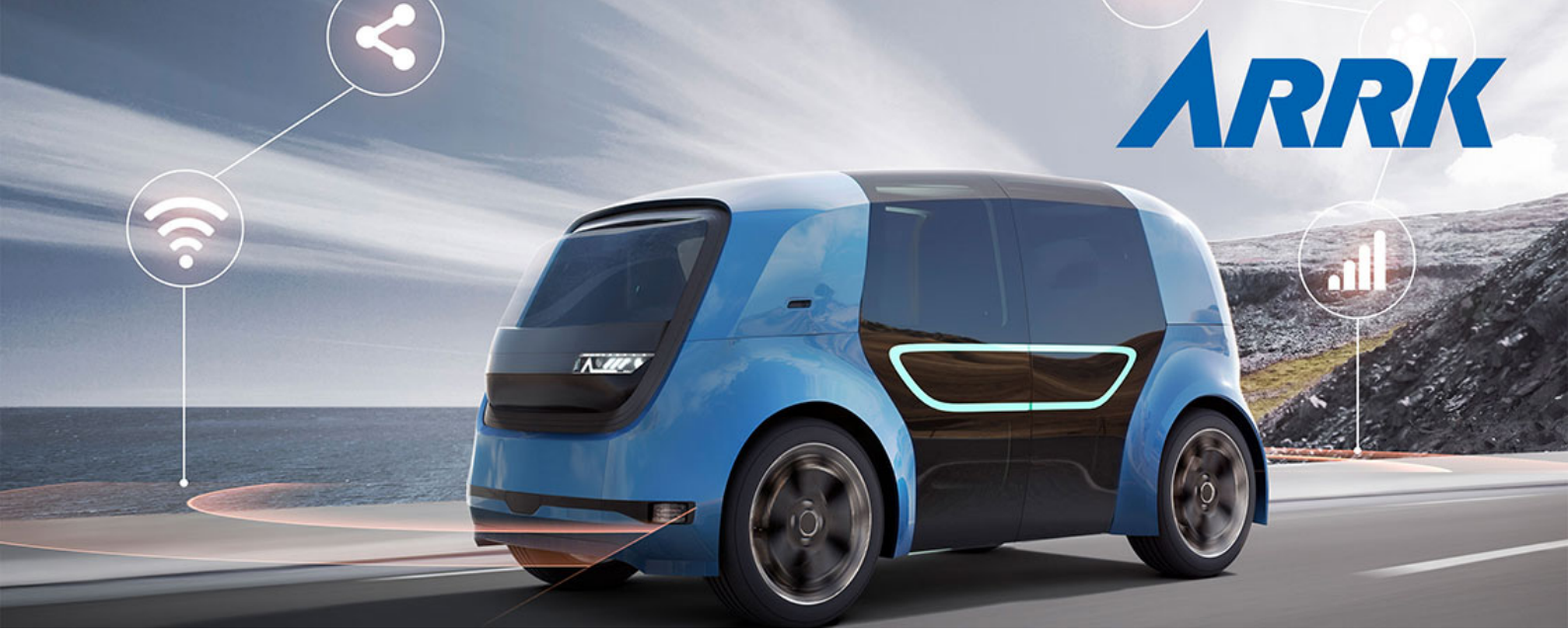

Software Engineer - Digital Cockpit & In-Car Experience (m/w/d)

LOCATION
Petaling Jaya

COMPANY
ARRK Malaysia Sdn Bhd

CONTRACT TYPE
Full-time

Form of Work
Office

WHAT TO EXPECT

We are looking for a Software Engineer to join our growing automotive software team in Malaysia. You'll help build the software that runs directly in and on the vehicle - from cockpit displays to in-car interactions - for leading global OEMs. Our work spans both series development and early-stage concepts and PoCs, so you'll get hands-on experience with both production-grade systems and forward-looking innovation projects - with clear opportunities to grow toward more senior technical responsibility over time.

YOUR TASKS

- Develop software for Linux- and Android-based embedded systems using modern tools and development methods
- Implement UI/UX concepts in software for next-generation vehicle cockpits
- Support rapid prototyping of design and interaction concepts on embedded systems and mobile devices
- Contribute to the design and integration of AI-based features in the vehicle context
- Collaborate closely with cross-functional and international teams (engineering, design, project management)
- Write clean, well-tested, and maintainable code following established coding standards
- Support debugging, testing, and quality assurance activities across the software lifecycle

YOUR PROFILE

- Degree in Computer Science, Electrical Engineering, Software Engineering, or a related field.
- Solid programming skills in C++, Kotlin, and Python.
- Initial hands-on experience in software development through internships, working student positions, academic projects, or professional roles.
- Good understanding of Embedded Linux and embedded software development.
- Experience with Android Automotive OS and in-vehicle software platforms.
- Knowledge of Qt/QML and modern UI/HMI development.
- Familiarity with CI/CD pipelines, version control systems, and modern software engineering practices.
- Understanding of automotive communication technologies such as CAN, Automotive Ethernet, or vehicle software architectures.
- Strong problem-solving abilities and a structured approach to technical challenges.
- Good communication skills and fluency in English, both written and spoken

YOUR BENEFITS

Exciting projects

ARRK Engineering Academy

Attractive salary

Creative scope

Pleasant working atmosphere

APPLY NOW



CONTACT
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+ 49 (0)89 / 31857-0
Privacy Policy

ARRK Engineering is part of the international ARRK group of companies and specialized in product development. Within the ARRK group of companies we implement product developments from virtual development to prototypes and small series production.

For reasons of simplification, only the masculine form is used in this job advertisement. However, persons of any gender and any orientation are always meant equally.
Our job offer is equally directed at severely disabled persons and persons of equal status.