

ADAS Software Engineer at IGNITE by FORVIA HELLA w/m/d

All remote, global

Join the Future of Software – with IGNITE by FORVIA HELLA 



We are looking for tech visionaries who want to rethink **software development**.

Are you ready to shape the next generation of mobility?

Do you have a passion for technology and a desire to work on groundbreaking projects?

Then IGNITE by FORVIA HELLA is the place for you!

We are an agile team that develops and distributes software solutions. Our core competence lies in the development of software products that are directly integrated into vehicle systems or that are usable in the development environment of industrial sectors. But we go even further: with the latest technologies such as machine learning and cloud computing, we take our software products to the next level, creating solutions that go beyond traditional approaches. Sounds exciting? Keep reading!

What you can look forward to ...

→ Entrepreneurial Thinking: we are looking for people who think outside the box and act like entrepreneurs. With us, you have the freedom to contribute ideas and actively shape projects.

→ Passion for the Work: there is no boredom here – we love what we do and thrive in a dynamic work environment where you can fully express your passion for embedded software and advanced technologies, while having fun with it!

→ State-of-the-Art Technologies: all our projects revolve around software, and modern approaches like artificial intelligence, machine learning, and cloud technologies also play a big role. You will have the chance to experiment in various fields and actively shape the future of vehicle and industrial technology.

→ Flexibility: shape your workday with your global team, fully remote.

What is expected for the role ...

- Enable the integration of Traffic Rules Engine (software-only product) with planning/behavior systems, setting API/latency boundaries.
- Implement, and optimize Traffic Rules Engine's rule formalization process, compilation, and deterministic runtime.
- Write datalog expressions and build validators, linters, and test harnesses.
- Build CI/CD for code + content, simulation pipelines, and automated datalog tests and

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regressions.

- Support commissioning by identifying bugs across perception/behavior integration and delivering performance fixes.
- Fluent English (verbal and written communication).

Required Qualifications

- 4+ years in ADAS/AD or safety-critical software; including knowledge in C++ and Python.
- Experience with rule/constraint systems (state machines, temporal logic, DSLs/compilers/interpreters).
- Proven knowledge in scenario-based testing at scale.
- Working knowledge of ISO 26262 practices and evidence creation.

Preferred Skills

- Runtime verification/monitoring, or knowledge-system tooling.
- Embedded Linux, performance profiling, and low-latency optimization.
- Map pipelines (e.g., OpenDRIVE), data engineering for validation KPIs, and dashboards.
- Experience with OEM/Tier-1 integration and customer-facing commissioning.
- Collaborative mindset; clear technical writing; quick learner.

Can't identify with this role? No problem, convince us of your skills and personality, and get in touch.

Contact information: jobs@hella-ignite.com