Cloud Architect Developer - Autonomous Driving(m/f/d)

Responsibilities

- Develop AD Cloud team skills and competence according to the Company vision to empower capability inside LTIC to execute new business and develop new features
- Participate in the China cloud built to understand the detailed structure, data management process to identify the adaptation work to handle in Europe
- Build up the AD European cloud activity
- Build the European Lotus Cloud architecture and definition as a substitute of the China Cloud for the Europe market taking into account local regulation, and AD tier1 constraints, and with the internal IT technical support
- List requirement specification of AD LOTUS EU Cloud (size, location, application SW tools, …), manage the necessary external company sourcing
- Support IT team to build up Virtual and Physical IT infrastructure
- Define the strategy and source necessary partner to perform fleet data acquisition, data management/pre-processing, data treatment (anonymization, regulation, etc.), data access (remote access to tiers company) to fulfill GDPR regulation
- Define the interaction between partner cloud and Lotus Cloud (like HD map cloud)
- Manage the development of the cloud in taking into account the vehicle milestone constraints
- Active Participation as Lotus Group on international AD/ADAS Alliance and Communities, seminar, forum to be aligned on latest trend and technologies
- Promote and sponsor the creation of added value POC to demonstrate innovative ADAS solution
- Define job sharing within Lotus group with corresponding entities and manage part of the responsibility, but also with the different external partners
- Report project status and escalate blocking point line manager and project manager
- Ensure that launch quality is robust over a lifetime and fulfill customer expectations

Requirements

- At least 5 years of working experience in cloud development not mandatory automotive
- Strong experience in data management, and ability to define the requirement for tools chain, data probing, data format, data treatment, and communication protocol)
- Strong experience in data processing, and machine learning
- Strong supplier leadership capability, capable to work in a start-up environment as well as in a very structured context
- Enthusiasm to work with a different culture
- Experienced with containerization and orchestration technologies, Microservice-based architectures, especially with Docker, Kubernetes
- Experience with AWS or Azure or Alibaba or with Google Cloud
- Experience with Git, Jenkins, Swagger/OpenAPI, Terraform, Helm, etc.
- Expert experience with implementation and optimization with CI/CD Pipelines
- Experience with any one of the programming languages (Python, JavaScript/TypeScript, Scala)
- Expert experience with, API'S and data management (data lake, different kinds of Databases)
- Be a never stop learning person, stimulate himself and team curiosity on new technologies and processes
- Experience in global team execution
- Enthusiasm and passion to drive and develop cars
- Open-minded, solution-driven, highly motivated engineer
- Excellent communicator with an open and structured mindset
- Fluent in English
- High level of engagement to solve any issues and drive issue resolution
- Positive attitude, resolute and highly skilled to drive for results

- Flexible regarding travels to UK Innovation Centre, Sweden, China and other countries if needed
- High integrity and trust in all activities and communication