

SOFTWARE ENGINEER

AXON VIBE – we make smartphones smart.

Axon VIBE develops a location-based contextual platform that detects and predicts human behaviour.

We provide the technology to help public transport operators get ready for and lead one of the fastest, deepest, most consequential disruptions of transportation in history. It is predicted that in the future miles travelled will be served by on-demand vehicles owned by fleets, not individuals, in a new business model called Transport-as-a-Service (TaaS).

Axon VIBE is working with forward thinking transportation agencies across the world and provides the technology powering mobile applications to orchestrate the door-to-door mobility without compromising users' trust.

Besides precision, design and creativity, we also like the Open Sans Light Font, screaming goats and real BBQs.

We are looking forward to you!

About the Role

We are looking for a Software Engineer to join the Axon VIBE Platform team. The Axon VIBE platform core capability is collecting sensor data from mobile & wearable devices in a battery efficient manner and enriching the Axon Vibe Platform with powerful real-time contextual consumer behavior data.

User privacy is an important concern to the company, as part of the role it is expected that all team members to be an advocate for user data protection.

We trust our staff and to demonstrate this Axon VIBE operates a flat structure policy, you will report directly to the CTO and will have a high level of autonomy in your work.

You will also have opportunities to travel to places such as our other offices around the world in the UK, New York and Vietnam.

- o Work with Data Scientists and Data Engineers to implement and maintain real-time analytics pipelines that enrich the Axon Vibe Platform with powerful consumer behavior data products
- o Productionize heuristic & machine learning prototypes into real-time, high volume / high availability solutions
- o Build the infrastructure required for optimal extraction, transformation, and loading of data from a wide variety of data sources and technologies.
- o Work with stakeholders to assist with data-related technical issues and support their data infrastructure needs.
- o Keep our data separated and secure across national boundaries through multiple data centers and regions.
- o Identify, design, and implement internal process improvements: automating manual processes, optimizing data delivery, re-designing infrastructure for greater scalability, etc.

About You

The person we're looking for is enthusiastic, keen to learn, passionate about Software Engineering, delivery driven, a great communicator and creative problem solver.

You must be highly collaborative, hardworking and happy to roll up your sleeves, when the going gets tough. Although we are 100 people, we are all in the same team, you must be confident and generous in sharing your own knowledge and ideas.

- o Strong Java 8 & Spring framework experience is mandatory
- o Experience with data heavy systems, warehousing, distributed systems, machine learning frameworks & concepts
- o Location or telemetry data and technologies experience a bonus
- o Restful API's, microservice architecture, OO design, Junit, Swagger, SQL, NoSQL
- o Experience with databases like PostgreSQL, Mongo, Neo4j and Messaging systems, such as RabbitMQ, Kafka, Spark
- o DevOps mentality and practical experience with tools for build and deployment automation (Ansible, Gradle, Jenkins, Maven, Docker, continuous delivery)
- o Experience of agile delivery methods and tools (JIRA, Git, CI)
- o Fluent in both written and spoken English and German

Bring your great attitude, along with your software engineering skills and let's see what we can achieve together. Please send your cover letter and cv (written in English) to: hr@axonactive.ch. In case of questions, our Head of Human Resources, Manuela Unger, can be reached on +41 41 249 25 96.