

# MESSAGE BROKER PLATFORM

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## 1.1 INTILITY – THE ENTERPRISE CLOUD PLATFORM

Intility is a complete platform service that provides end-to-end operational responsibility for the IT environments of over 600 companies in Norway and the rest of the world. We are developing an industrialized cloud platform and automated multicloud operating service that will give companies the best opportunities to realize their digital ambitions. With an average age of 28, we are driven by an ambition to show what is possible to create when people, together with a long-term perspective, build something that no one has built before, and which is greater than the sum of the individual. We are now looking for IT bachelor's students who are in their final year and who want to write a bachelor's project in collaboration with us.

## 1.2 PROJECT

### 1.2.1 INTILITY'S DEVELOPMENT ENVIRONMENT AND LOOSE COUPLING

Intility is currently organized into departments that each work separately to operate and further develop their platform. For example, the network department works with Intility's network platform. In each individual department, all possible profiles work, including developers, who collaborate with the further development of their specialist area and platform. In recent years, this work has been more and more about developing one's own software.

An important prerequisite for each individual department and platform to continue its pace of development is that Intility facilitates loose coupling between the various services, both across and internally within Intility's platforms. To achieve this, we have created our own Message Broker Platform that helps developers adopt an event-driven architecture in their services.

### 1.2.2 THE TASK

The task is to develop a portal that makes it easier for Intility's developers to use Intility's Message Broker Platform. From the portal, developers must be able to:

- Create and manage your own topics •
- Create and manage your own subscriptions •
- See simple statistics on topics

In addition to this, there is a lot of other functionality that can and should be added to the portal, but we want the group to figure this out together with supervisors and through conversations with other developers at Intility.

The group should have experience/interest in both frontend and backend. There is no requirement for experience with specific development languages or technologies, but it is desirable that the group uses Intility's platform for development. Here you will get access to the same tools that Intility's developers use, as well as the opportunity to learn from Intility's developers.

### 1.3 WHY CHOOSE INTILITY

We have had many positive experiences with bachelor students. Since 2015, 14 student groups have written bachelor's projects with us, and several of the students still work with us and are important employees.

We now want to repeat the success, and are looking for more talented students for one or more projects. As technology is our core business, this means that we have many exciting projects to offer.

In Intility, everyone works in-house, and you will have good colleagues who include you from day one. With us, you will therefore be warmly welcomed, and receive thorough follow-up and guidance during the project period. And free lunch in our beautiful canteen.

Upload a joint application and CV/grades from the group's members here to one of the group's students here: [https://intility.recman.no/job.php?job\\_id=294932&path=bygg](https://intility.recman.no/job.php?job_id=294932&path=bygg)