



# Fjelltopp

Technology with impact

## Introduction

We offer clients the following services:

- **IT Consulting** - advice, cloud infrastructure, maintenance
- **Software Engineering** - innovation, design, building, testing
- **Data Analytics** - storage, processing, analysis, visualisation
- **Research** - publications, collaboration, reviews

We specialise in the delivery of public health technology for humanitarian emergencies. Our software has impact:

- Used in over 1300 medical facilities across the globe
- Aggregating over a million detailed data submissions
- Over 8000 diagnosis warning alerts raised by sms/email

### Our History

Our team has been building public health surveillance tools since late 2014. In that time we have worked with the World Health Organisation (WHO), UNICEF and the Ministries of Health in Jordan, Madagascar and Somalia. Projects have been funded by partners including USAID, UKAID, and the Kuwait government.

Although the team was founded in 2014, we began our operations as a group of independent consultants working for international organisations. The success of our work led to the forming of Fjelltopp Ltd in February 2018, enabling us to join together and offer our clients continued stability of service.

An international collective of software engineers and data scientists specialising in the delivery of technical solutions for public health and the provision of humanitarian aid.

### Our Values

We seek out **technical excellence**. It is our ambition to offer attractive employment that leverage's some of the world's most qualified engineers and scientists to solve some of the world's most important humanitarian challenges.

We believe in **openness**. Almost all our solutions are open source and built upon other open-source solutions, meaning that the code is freely accessible from the internet. Some of the poorest countries in the world use our software; we believe it is important that they can continue to do so without paying out large license fees.

We work hard to bring about **sustainability**. There is no value in placing an unsustainable solution upon an ill-prepared community. We partner with our clients and user groups to improve local capacity for maintaining our solutions. We provide training, advice, mentorship and long-term support contracts.

We are a **not-for-profit** company limited by guarantee registered in the United Kingdom. We are not controlled by share holders or investors, and do not distribute our profit to company members. Instead, we are committed to reinvesting our profit in order to fulfil our company objectives. Our primary motive is the positive impact of our work.



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## Experience

Our work began in late 2014 in the midst of the refugee crisis in Jordan. The aim was a real time case-based surveillance system that could give early warning of disease outbreaks in the refugee and host populations. Tablet computers with mobile data connections are cheap, easy to distribute and easy to maintain. The software is now used in all public clinics and many private clinics across the country. The project includes programmes for monitoring communicable, non-communicable and mental health disease. The server infrastructure is hosted locally, and provides an online framework for data analysis and review.



## Jordan



## Madagascar

We also partner with the WHO in Madagascar, which is our largest implementation of Meerkat with data reporting from 693 sites. The work focuses on tracking communicable disease – especially malaria and endemic plague. Tools have been built for contact tracing and reporting of plague cases, as well as monitoring cases and supply of stock for fighting malaria. The WHO and Ministry of Health have appointed local technicians to collaborate with our technical team. These individuals have started contributing to our code base, thereby increasing the local capacity to maintain the project.



## Somalia

We work with UNICEF to monitor Health and and Nutrition response to the 2017 drought in Somalia. Our software is used by the local ministries of health in Somaliland, Puntland and the South Central regions of Somalia. In addition to monitoring nutrition and communicable diseases, the project has included facility monitoring and prescription and supply chain monitoring. We have also spent considerable time supporting the DHIS2 deployment in Somalia and working towards the integration of data stored within the two systems.





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## Work with us

### The Consultancy Team

Our consultancy team comprises five experienced software engineers/research scientists. Between us we have 30 years experience in the software and data analysis industry, 15 of which have been spent explicitly working on public health technology. Our qualifications include two PhDs and four Master's degrees in related technical and scientific fields. We pride ourselves on hiring personable engineers who understand the importance of user-centred design and strong relationships with our clients. We also have experience in running efficient hiring procedures to meet the expanding needs of our clients. We believe we have a strong corporate network and understand how to attract good engineers.

### Research

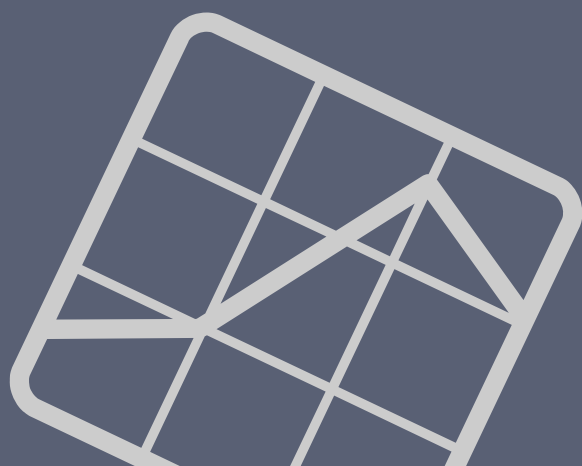
We are open to research collaboration. Several journal publications have already arisen out of our work with partners in the WHO. We want to increase the impact of our software by finding new ways to process the data, interpret the results, and evaluate the data quality. If you would like to collaborate with us, please get in touch.

### IT Consulting

The Fjelltopp consultancy team specialises in the application of free, cutting-edge, open-source technology to build affordable solutions to humanitarian challenges. We welcome proposals for any new work that draws on our experience and expertise, whether it requires only a day or many years of work.

In order to understand how we can help you, we need to understand your project's requirements. This may take the form of pre-written documentation, such as a request for proposal or a detailed requirements document. Alternatively, we can arrange a conversation over Skype to discuss the information we need. We will then cost up the work for you and help pin down realistic terms of reference for a contract. This might be anything from a complete software service to the provision of documentation, data analysis or advice, or arranging travel for a face-to-face meeting with one of our consultants.

If you have any questions or a prospective project you would like to discuss, please do not hesitate to contact us at [info@fjelltopp.org](mailto:info@fjelltopp.org).



**SoftwareDataScience**  
**ResearchITConsulting**  
**PublicHealthTech**

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