

5.6M child deaths are caused by malnutrition each year. Millions of children are suffering from the long-term consequences of malnutrition. Therefore, the United Nations have set the goal of Zero Hunger by 2030. In the fight against malnutrition, detection is one important step. But detection is not easy. Measuring children with traditional methods is still a complex, slow and expensive task, frequently resulting in poor data and wrong assessments of the situation.

### **Our mission**

To solve those problems, we are developing an innovative tool that will change the traditional way of detecting malnutrition of children. Our solution will replace unreliable hardware with software. This is a game-changer in the industry and will help saving millions of children's lives.

### **Our solution**

The Child Growth Monitor uses augmented reality enabled smartphones to record 3D scans of children. Artificial Intelligence is used to predict their height, weight and middle upper-arm circumference.

We are looking for experienced IT experts who like the idea of working for a non-profit, open source, social cause. You will start working in a dedicated team of IT specialists as

### **Azure Solutions Architect and DevOps Engineer (m/f)**

#### **Globally, preferably in India**

This posting concerns a short-time assignment of 4-5 months working for Welthungerhilfe in a freelance capacity in order to help us develop our app.

#### **Your experience:**

- Proven work experienced in multi-tier deployment architecture
- Knowledge of automating tasks through python, bash and/or powershell and Azure tools like DevOps Pipelines
- Understanding the ins and outs of storage accounts, function apps, containers, AKS, DNS, Grafana, ...
- Experience in Azure cloud adoption and development of deploying and operating our solution

#### **Soft Skills:**

- Well-organized and focused on the important tasks at hand
- Team player / valuable addition to our scrum team
- Self-learner with curious mind-set

#### **What we offer:**

- Working on one of the most urgent problems of mankind: solving the world hunger by 2030
- Working in an international, vibrant team
- Learning from renowned and experienced AI experts and IT specialists
- Pioneer work in the field of anthropometric measurement via AI

#### **Time Frame:**

- asap until the end of 2019

#### **Your qualifications will include:**

- Degree in IT, engineering or comparable; or studies like statistics, operations research, mathematics, bioinformatics
- Experience in agile projects with at least 5 years of work experience
- Good English communication skills

**We are an open source and non-profit organization working on Zero Hunger 2030. We are looking to grow our team based on freelance work that will transition into permanent appointment as we reach our next milestones. Please send your CV, cover letter, availability and offer with day charge to by e-mail by August 31<sup>st</sup> 2019 to [info@childgrowthmonitor.org](mailto:info@childgrowthmonitor.org).**

#### **Want to know more?**

Have a look at our Github account or at our other resources:

[Github](#), [Website](#), [Twitter page](#), [Microsoft - video about Child Growth Monitor](#), [BCG Digital Ventures - video about Child Growth Monitor](#)