Who are we?

Currently, about 40% of all meals in hospitals are thrown away, nursing staff are unnecessarily burdened, and errors in taking orders are directly reflected in patient feedback. With HospiChef, we solve these problems by digitizing the meal ordering in hospitals, giving patients control and hospitals the ability to manage the process.

Following our win at UnternehmerTUM TechChallenge 2021, we went through a year-long co-development and pilot phase with a large private hospital chain. Now we are live, and our software is already handling about 400 meal orders a day in a Munich hospital. After going from 0 to 1, we now want to sprint from 1 to 10 with your help.

Your Profile

- You are a team of 1-4 persons
- You are a motivated and independent team player who wants to drive digitalization in hospitals
- **Data Scientist Role**
    - You want to experiment with different machine learning models on real data
    - You are proficient with Python
    - You have first-hand experience with the data science lifecycle (data collection, data preparation, data exploration, feature engineering, model building, …)
    - Familiarity with machine learning algorithms and their application in demand forecasting is a plus.
- **Software Engineer Role**
    - You have experience in web development using React.js and know how to work with Git and RESTful APIs
    - Familiarity with TypeScript and Django is a plus

Project: Demand Forecasting

One of the main reasons for the high food waste in hospitals is a lack of plannability. A high fluctuation of patients, unplanned surgeries, and varying preferences among patients make it difficult for the kitchen to anticipate how much of which dish will be in demand.

We want to help the kitchen plan more accurately by predicting the overall number of meals needed for a certain day, as well as a number per dish. This requires setting up a scalable data pipeline, evaluating state-of-the-art demand forecasting methods and visualizing the data in an actionable way for the hospital staff.

Are you interested?

You can apply alone or as a team. Please send us your CV and relevant experiences to andreas.hartung@hospichef.com