IDP: AI Agronomist for Farmers

About us

We are developing an AI Agronomist to help farmers manage their farms, starting with fertilizer management. Our mobile app allows farmers to interact using natural language, receive instant recommendations, and manage farm activities efficiently. It also integrates satellite imagery, weather data, and AI-driven insights to optimize farm operations.

We are backed by Carbon13 venture builder. Join us in building smart, data-driven solutions that empower sustainable agriculture!

Key Responsibilities:

These are the responsabilities we want to cover with some of the team students:

- Build and refine mobile applications for iOS & Android using React Native.
- Work on intuitive UI/UX for seamless farmer interactions.
- Implement and integrate RESTful APIs with AI and backend services.
- Test, debug, and optimize mobile performance
- Develop backend APIs using Python (FastAPI) for AI functionalities.
- Implement Retrieval-Augmented Generation (RAG) with vector databases.
- Fine-tune LLMs for natural language processing in agriculture.
- Integrate satellite imagery APIs to generate farm insights.
- Optimize AI pipelines for personalized recommendations.

What We're Looking For:

- Team of 2-4 people
- Enrollment in a Master 's Informatics program at TUM
- Experience and motivation to learn more about:
  - **Full-Stack Development:** React Native, Python (FastAPI), RESTful APIs.
  - **AI & ML:** LLMs, TensorFlow, PyTorch, scikit-learn.
  - **Cloud & Data:** AWS, Azure, data processing.
- Interest in making a positive impact on agriculture and leading its digital transformation

BetterFarm

What We Offer:

- **Real-World Impact:** Work on AI solutions that directly help farmers and promote sustainable agriculture.
- **Hands-on Learning:** Gain deep AI & software engineering experience in a fast-moving startup.
- **Flexible & Remote:** Work remotely or in Berlin, with flexible hours.
- **Mentorship & Growth:** Collaborate with experienced engineers and AI experts.
- **Future Opportunities:** High potential for full-time roles post-internship.

How to Apply

- Send an email to skibabadr@gmail.com with:
    - Your CV
    - 3 Sentences explaining why are you interested in this position
    - Links to relevant projects (GitHub, portfolio, etc.)
- Interview Process:
    - **Step 1:** Introductory Call (15 min) – Quick chat about your background.
    - **Step 2:** Assignment – A short task to evaluate problem-solving & technical skills.
    - **Step 3:** Final Interview – A deeper discussion on technical expertise & culture fit.

We and our farmers are looking forward to your application!

Apply Now

Send Your application to
skibabadr@gmail.com