

Internship at BASF

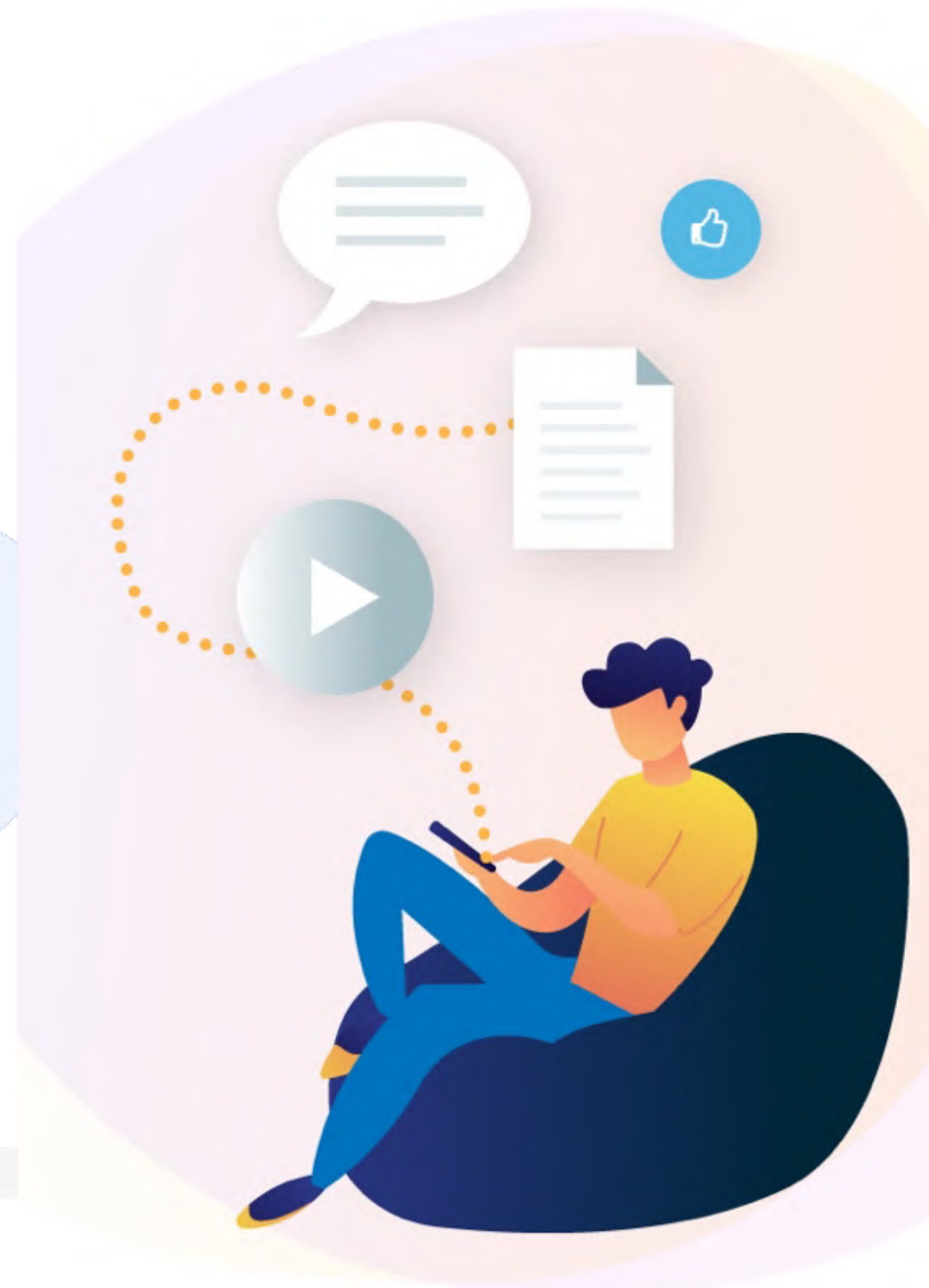
Recap of my 3 month internship at BASF SE

Supervisor: Michael Wirth

Mihir Mahajan

08.12.21

What did I do?



What did I learn?

What kind of challenges did I face?



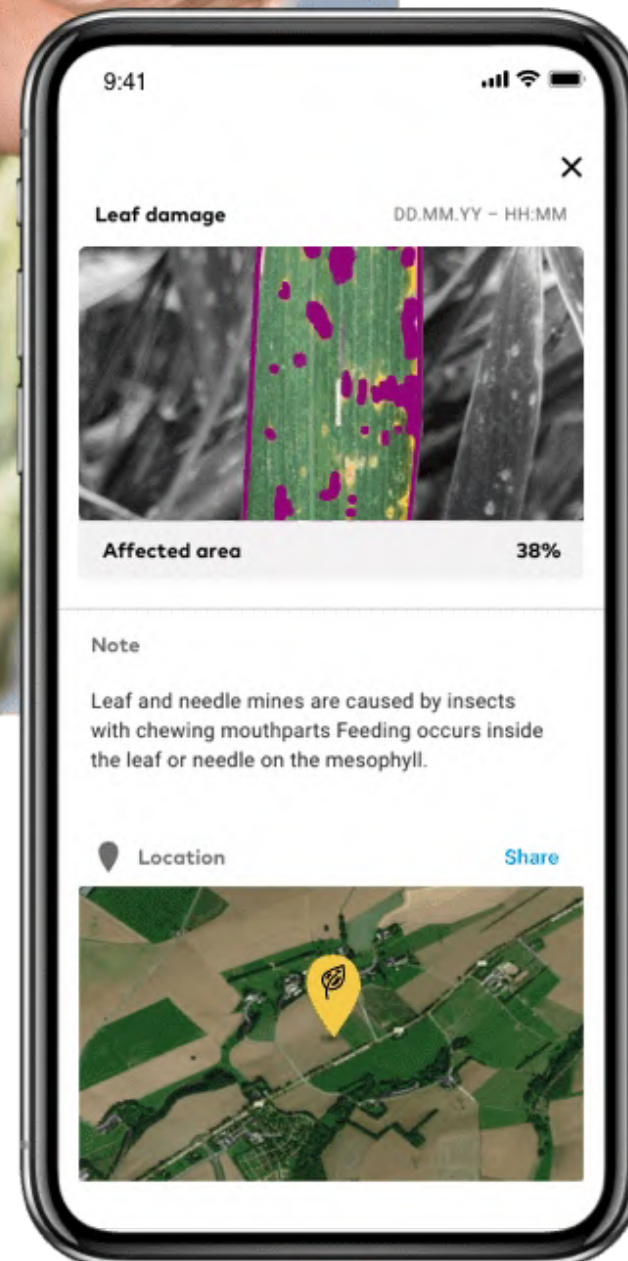


What did I do?

- Explored agricultural sector and smart farming
- Got to know BASF agricultural solutions
- Active part of development of the Agronomic Insights dashboard
- Participated in daily standup meetings, and shared my progress and updates

What did I learn

- General
 - Agriculture is a big and technologically advanced sector
 - security takes top priority in large enterprises
- Soft skills
 - Working in a professional team
 - Communication
 - Teamwork
- Hard skills
 - Frontend development using React.js
 - Insight into cloud computing using AWS
 - Insights into API/backend development
 - Version control using git



Soft skills



Team work

MS Teams, Daily Standup meetings,
getting help when stuck



Communication

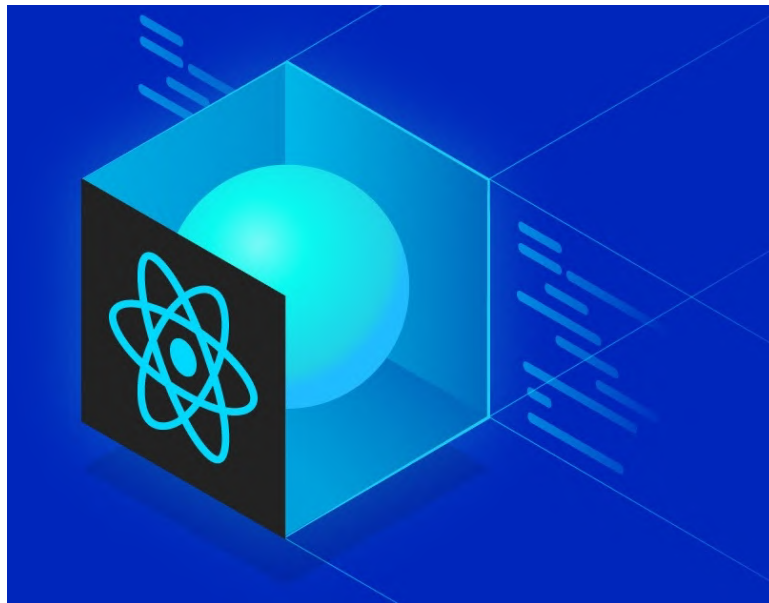
Daily Standup meetings, JIRA
dashboard, Weekly connect



Time management

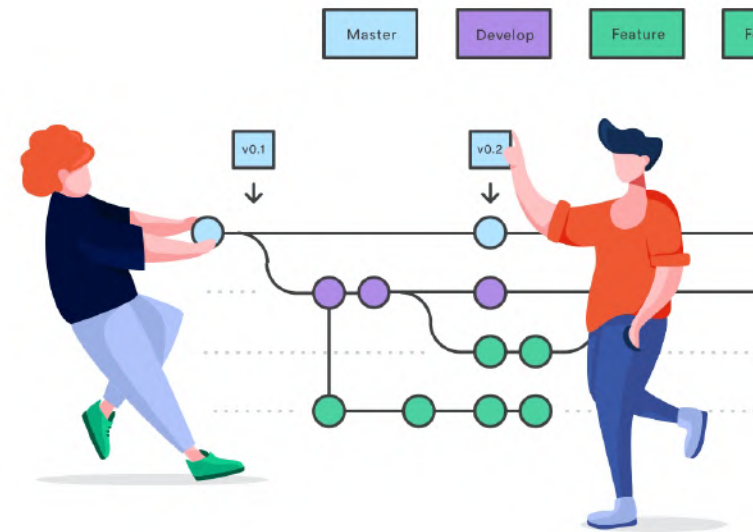
Coordinate work with uni, coordinate
meetings and raise productivity

Hard skills



Frontend development

Development of the canvas app using react.js integrated into salesforce



Version Control

Deeper understanding of git and branching



Cloud computing

Got an introduction to AWS and the used services in our project



Backend development

Insight into complex API development and concepts of scalability, security, efficiency



Challenges

- Time management
- Navigation through large code base
- writing secure, stable and scalable software
- Coordination with teammates

Tackled them by making a clear schedule, reaching out for help by fellow developers and assistance by Michael

A close-up photograph of a young plant seedling with several green, rounded leaves growing out of dark, rich soil. The scene is bathed in warm, golden sunlight from the upper left, creating a strong lens flare and highlighting the texture of the leaves and soil. The background is softly blurred, showing more foliage in a similar warm light.

Thank you!

for this great opportunity, time and resources!